Forgotten Tesla Technologies 1996-2021

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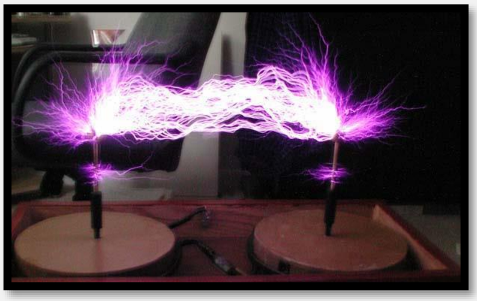
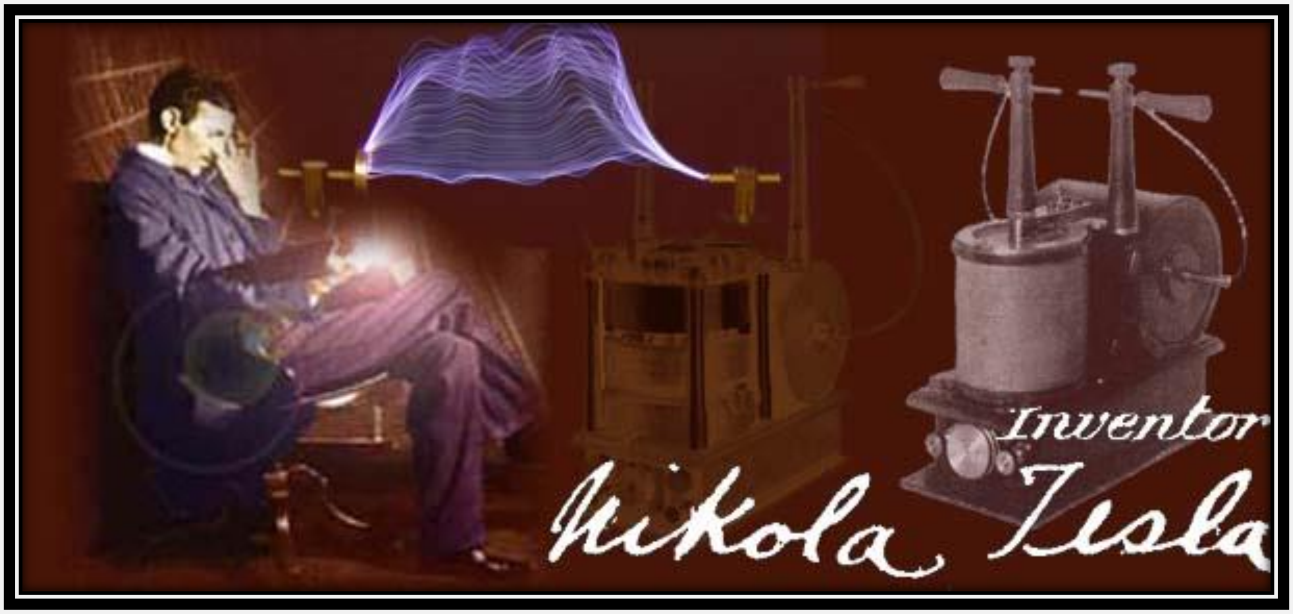
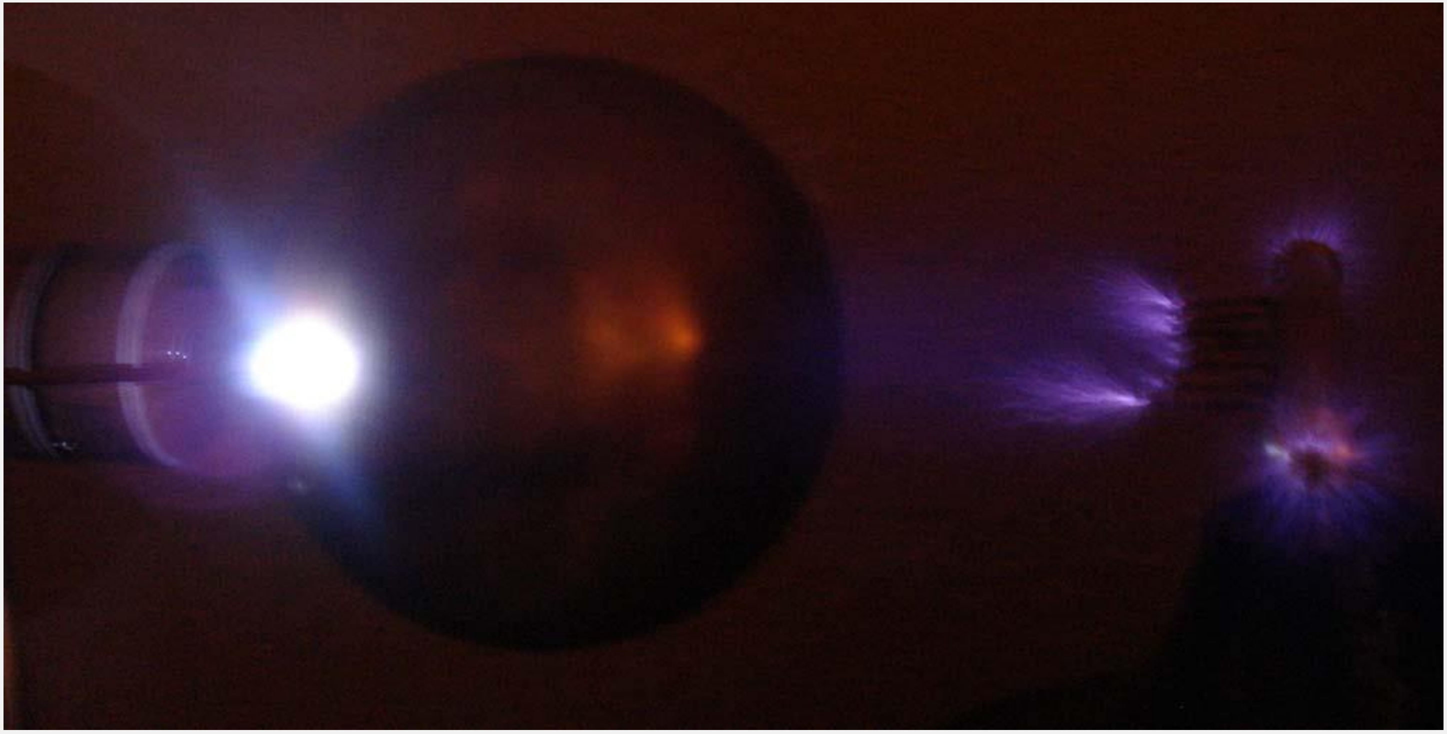
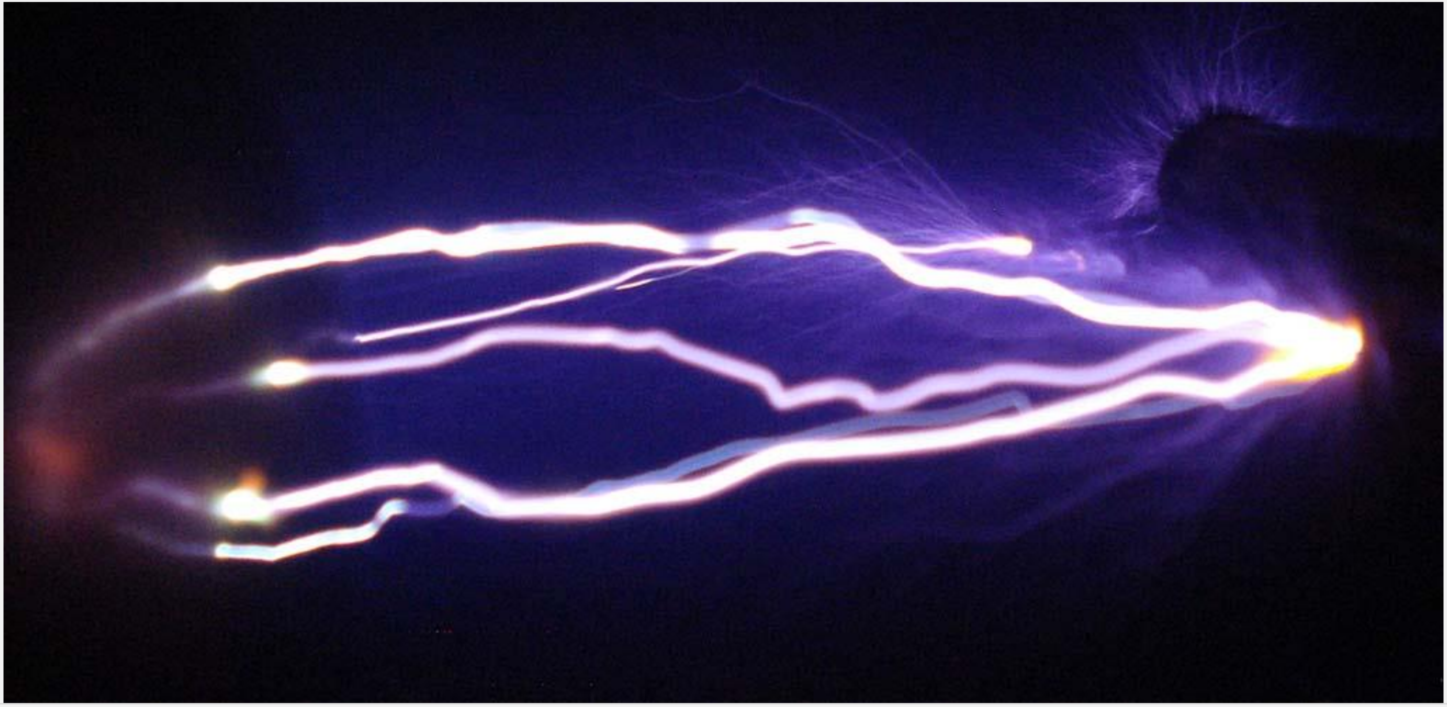
Volume Two

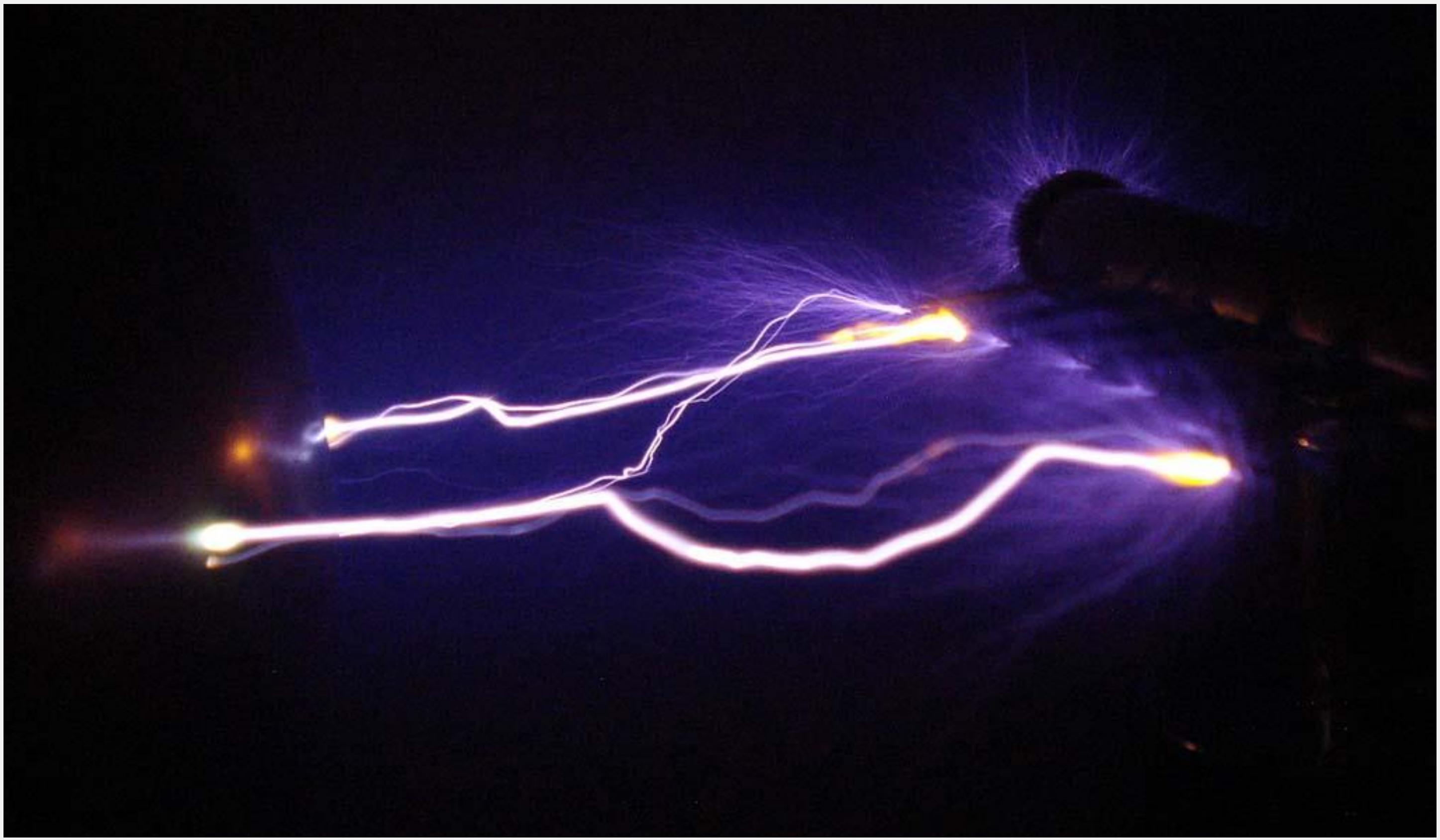


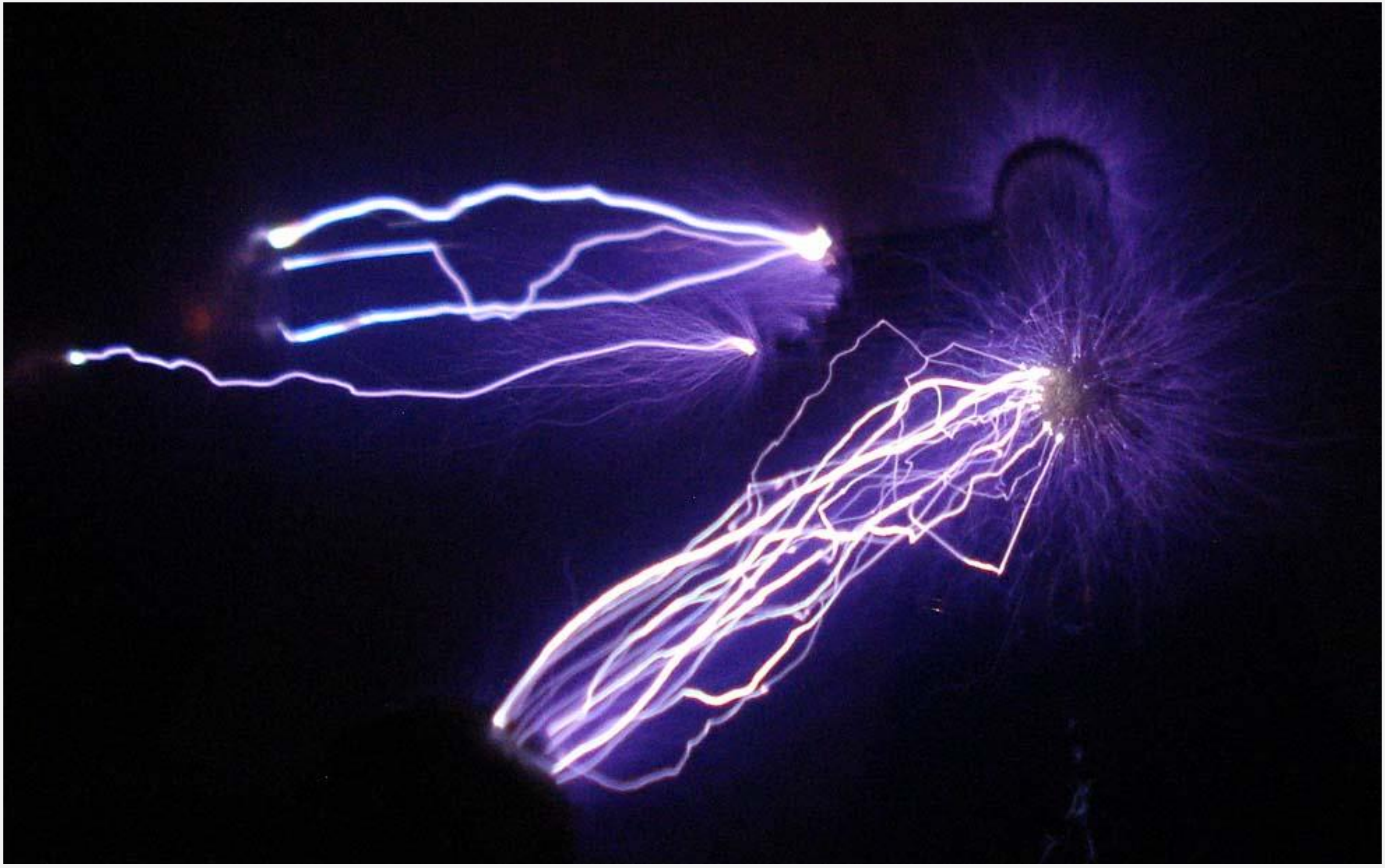


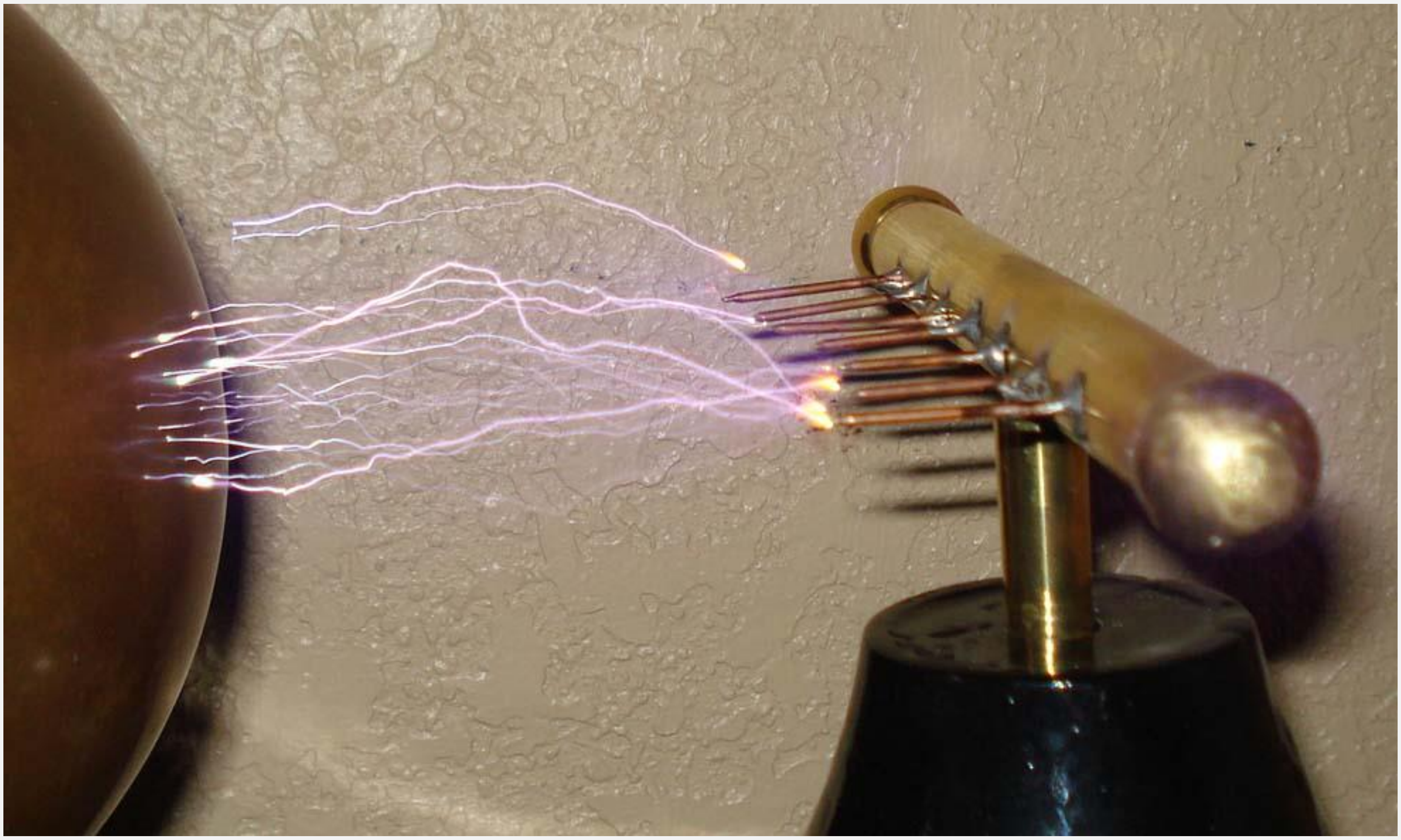
TDK

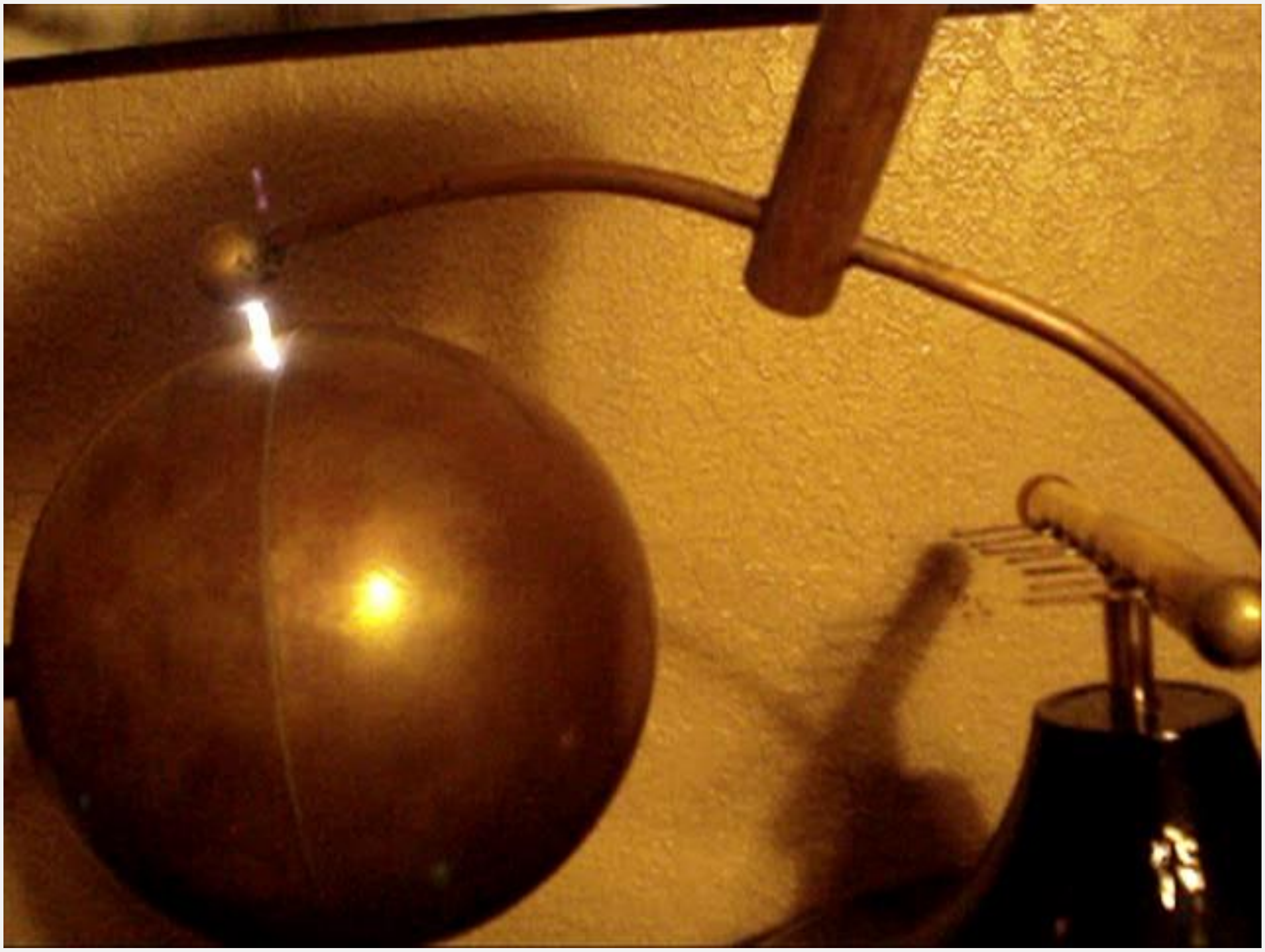


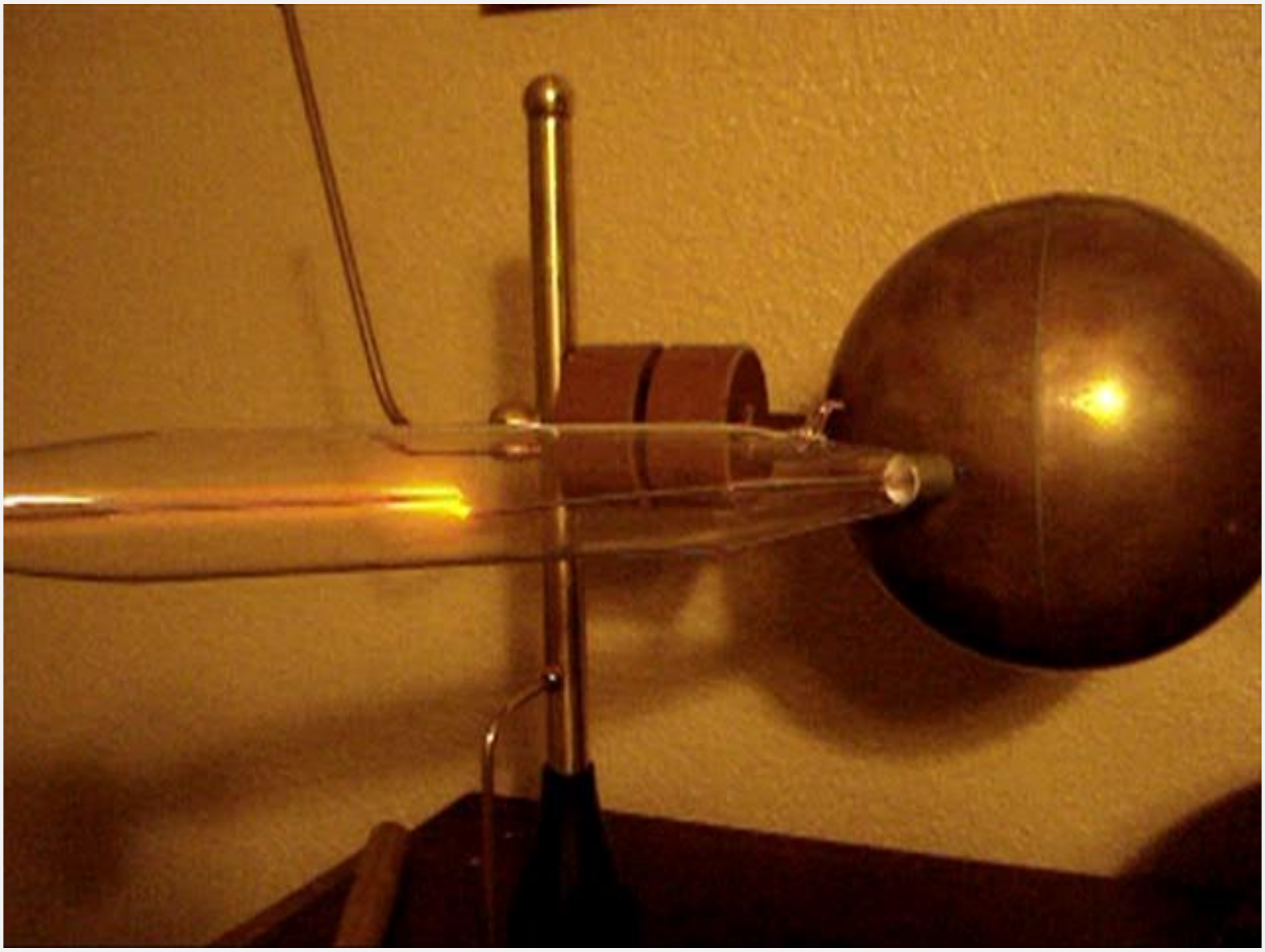




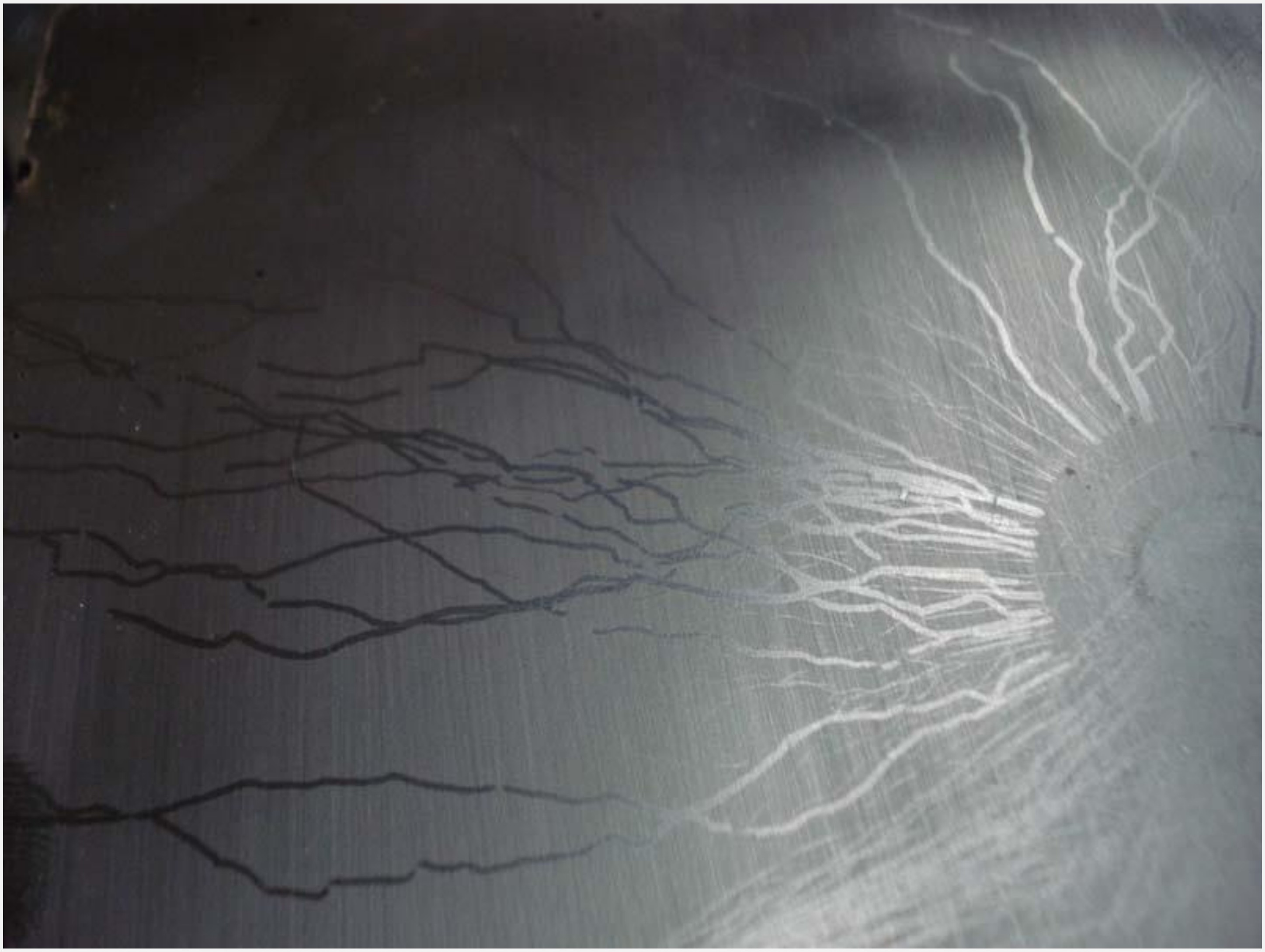




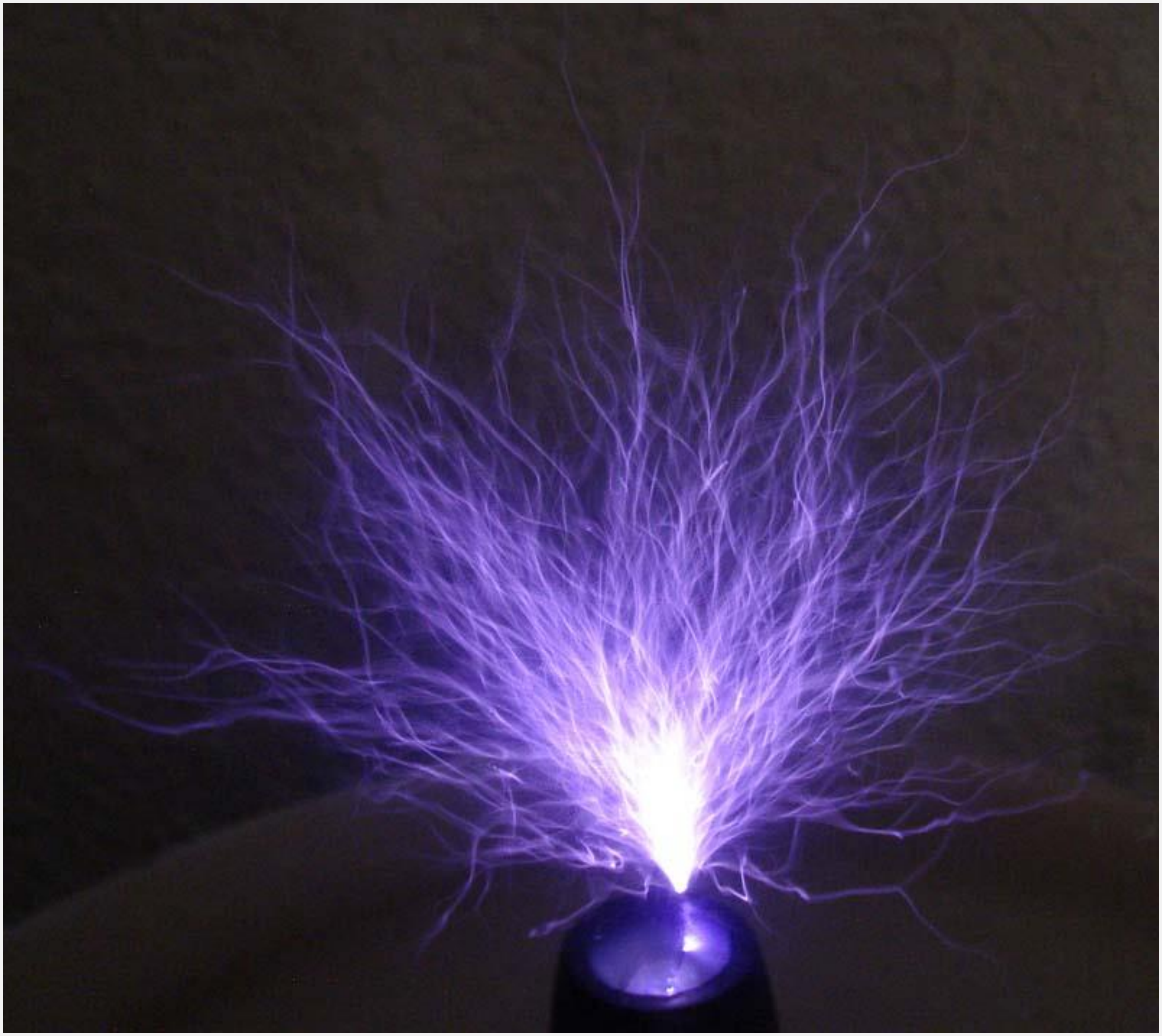


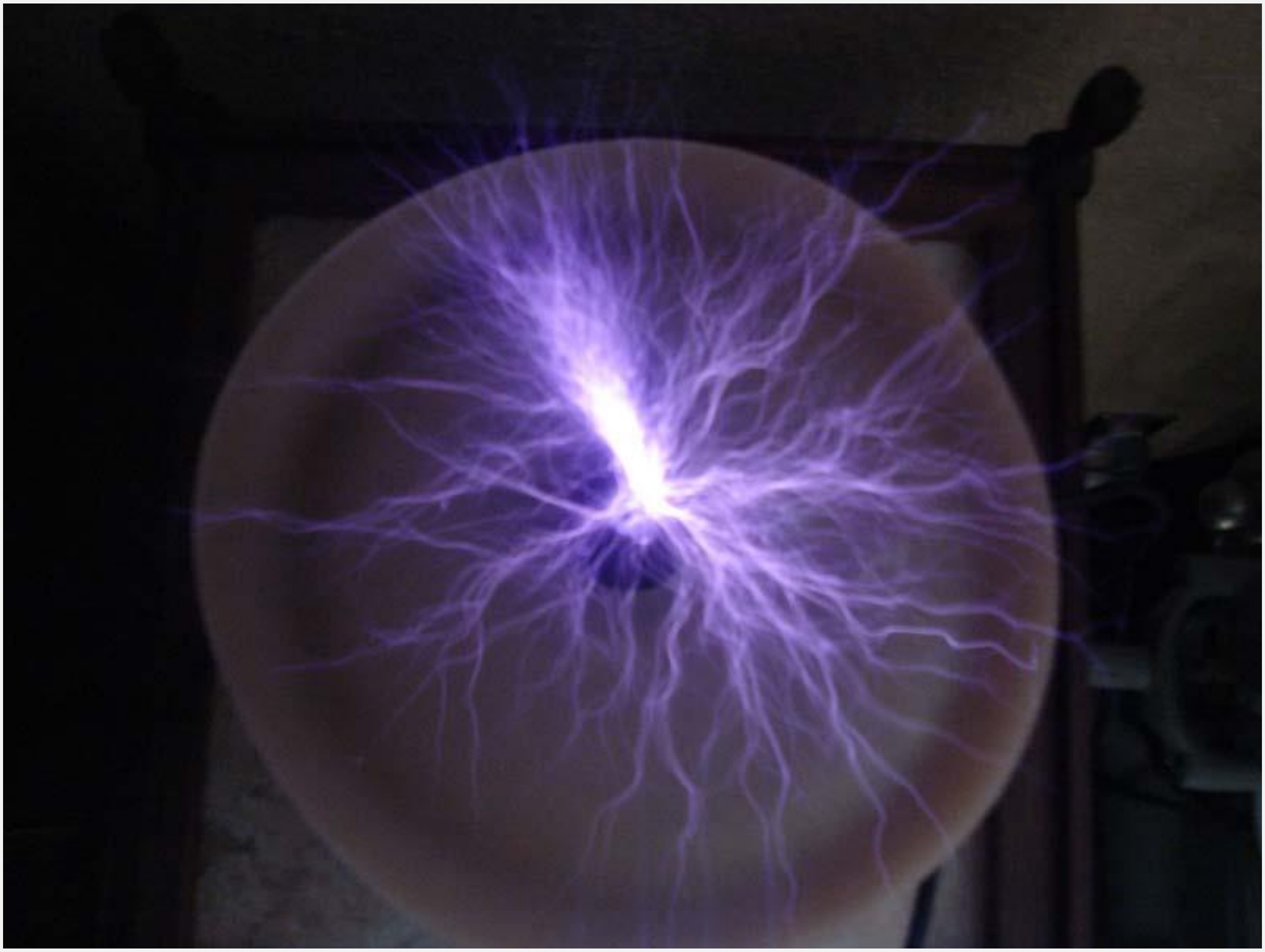


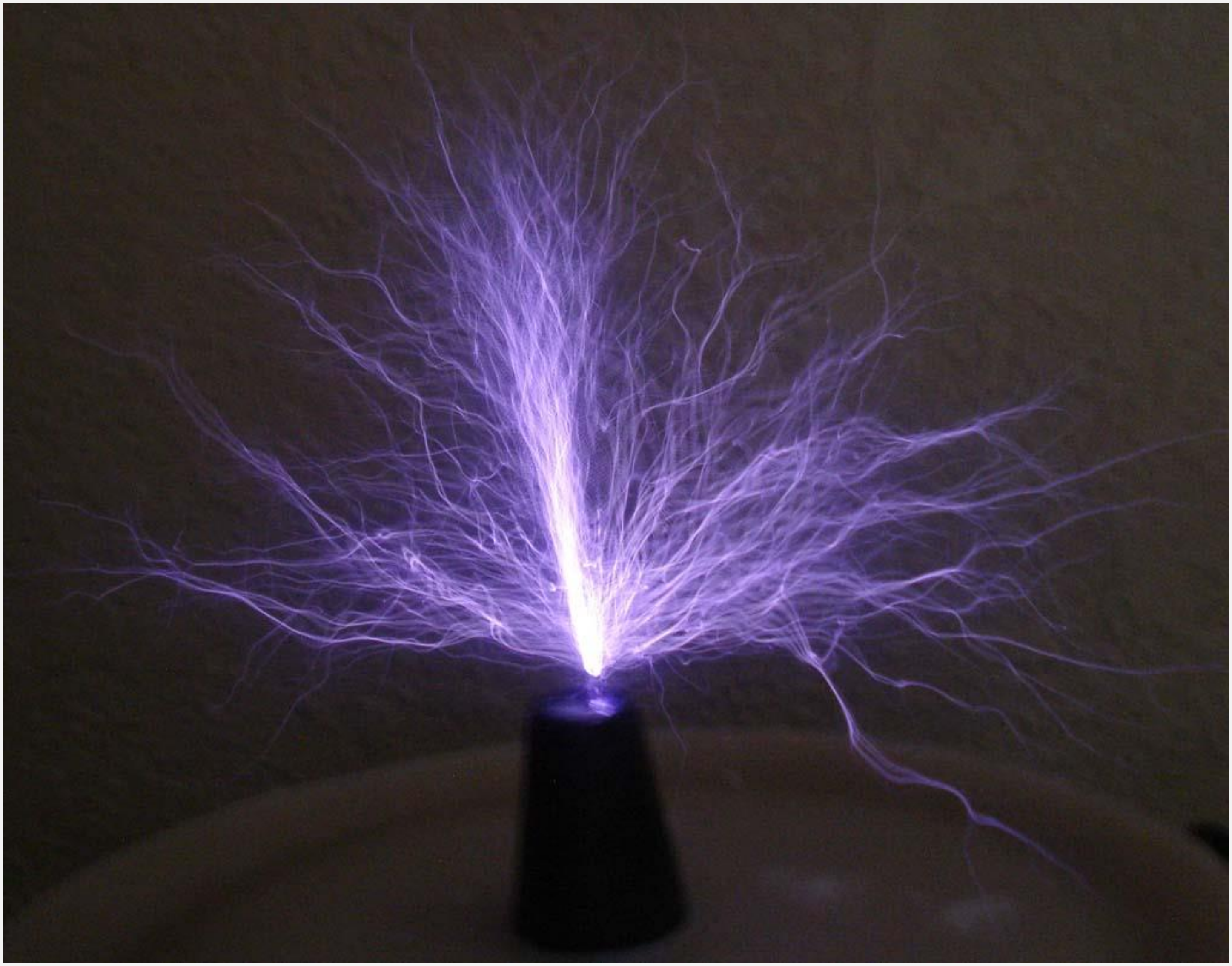
Tesla Coil powered Static Machine using Phantom Streamers

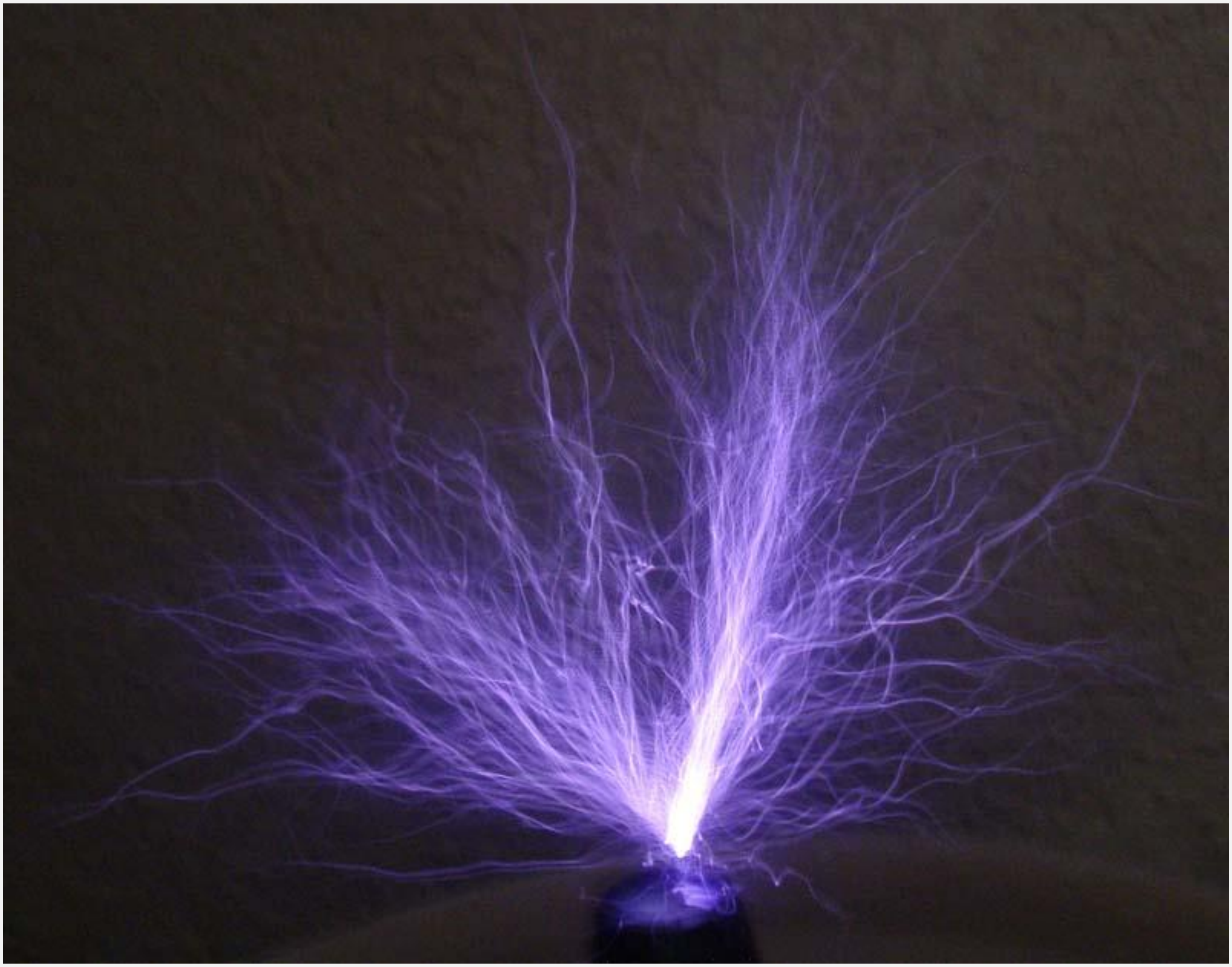


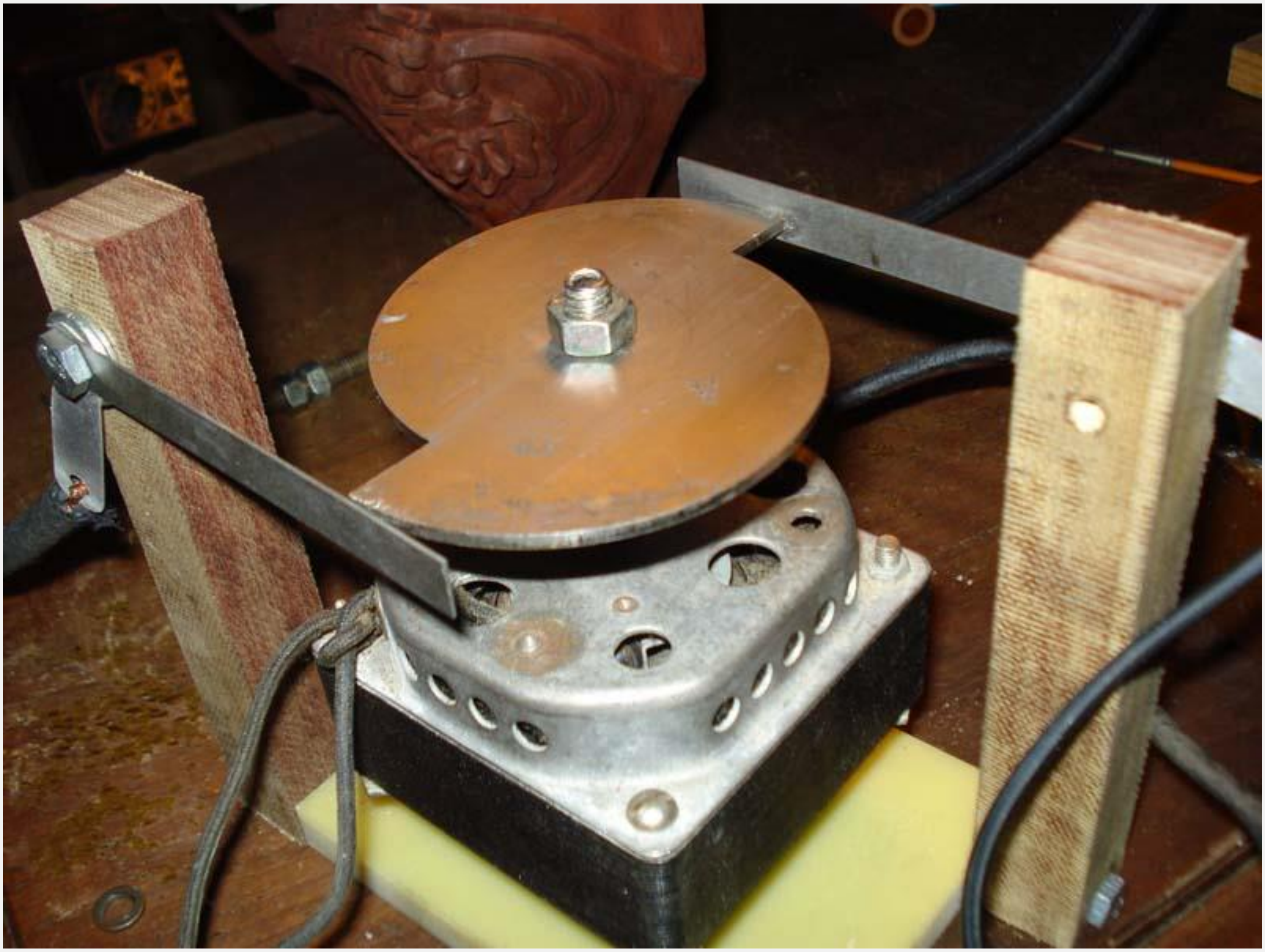
Lichtenburg Figures on black wax

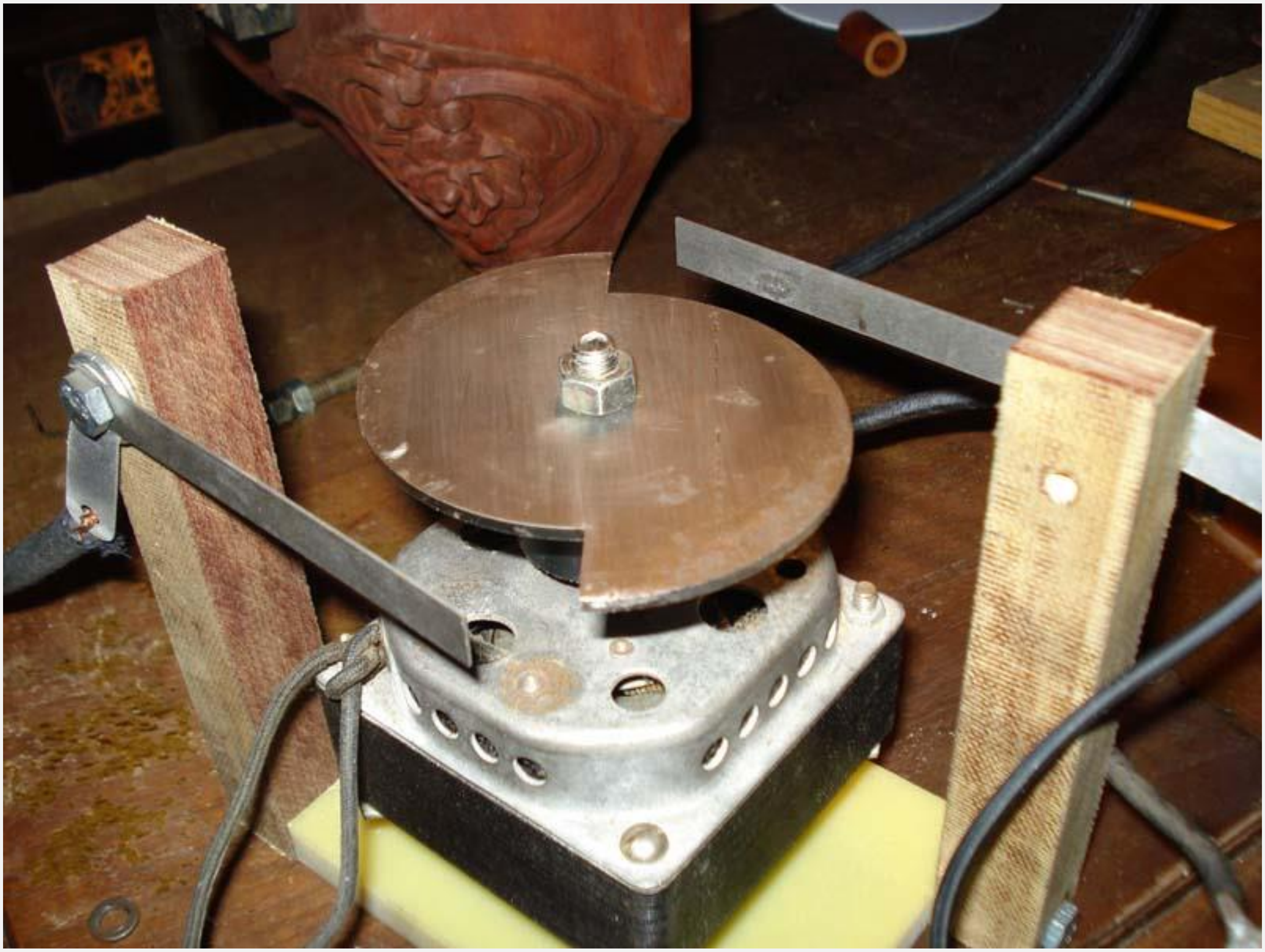


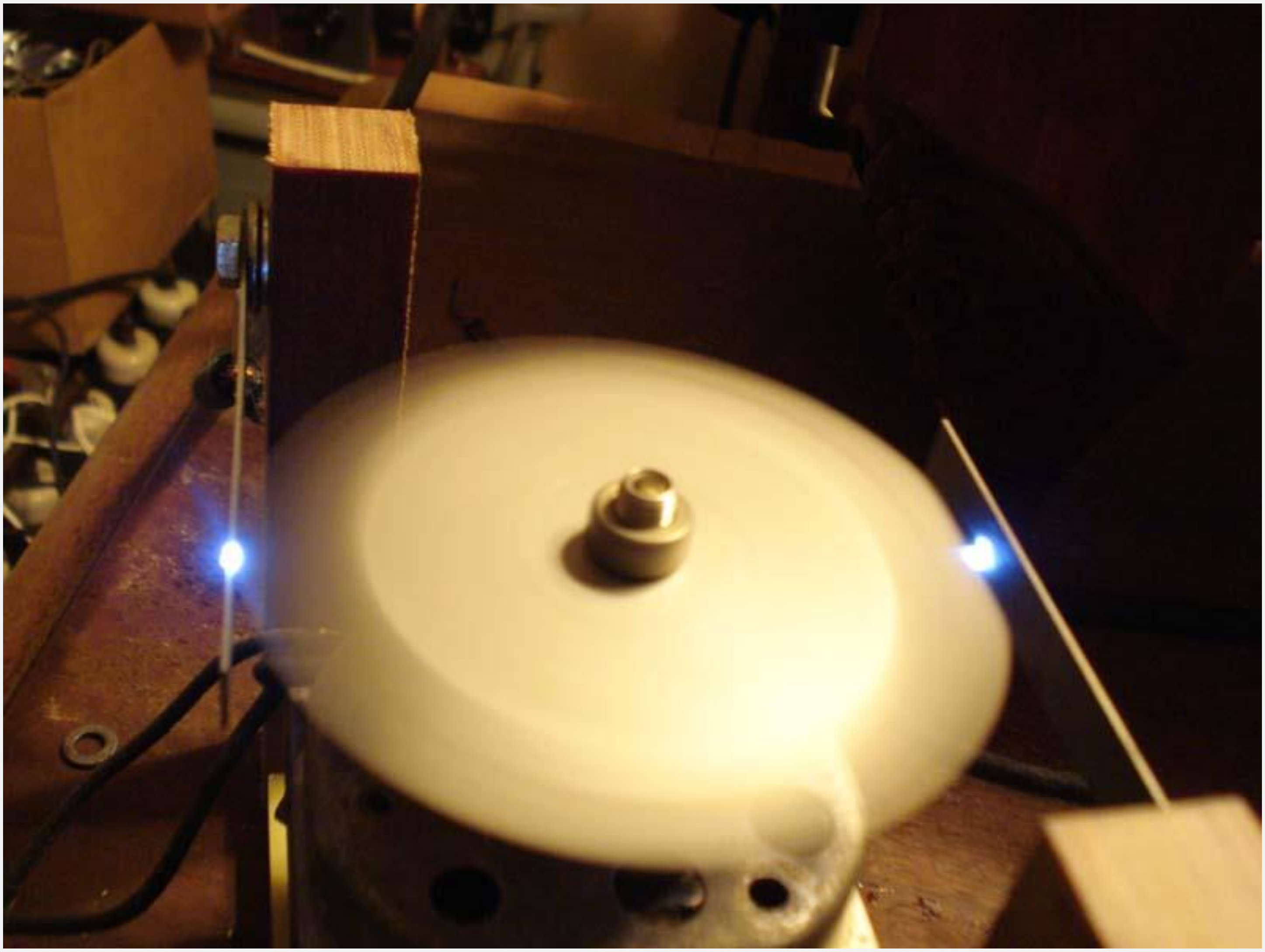


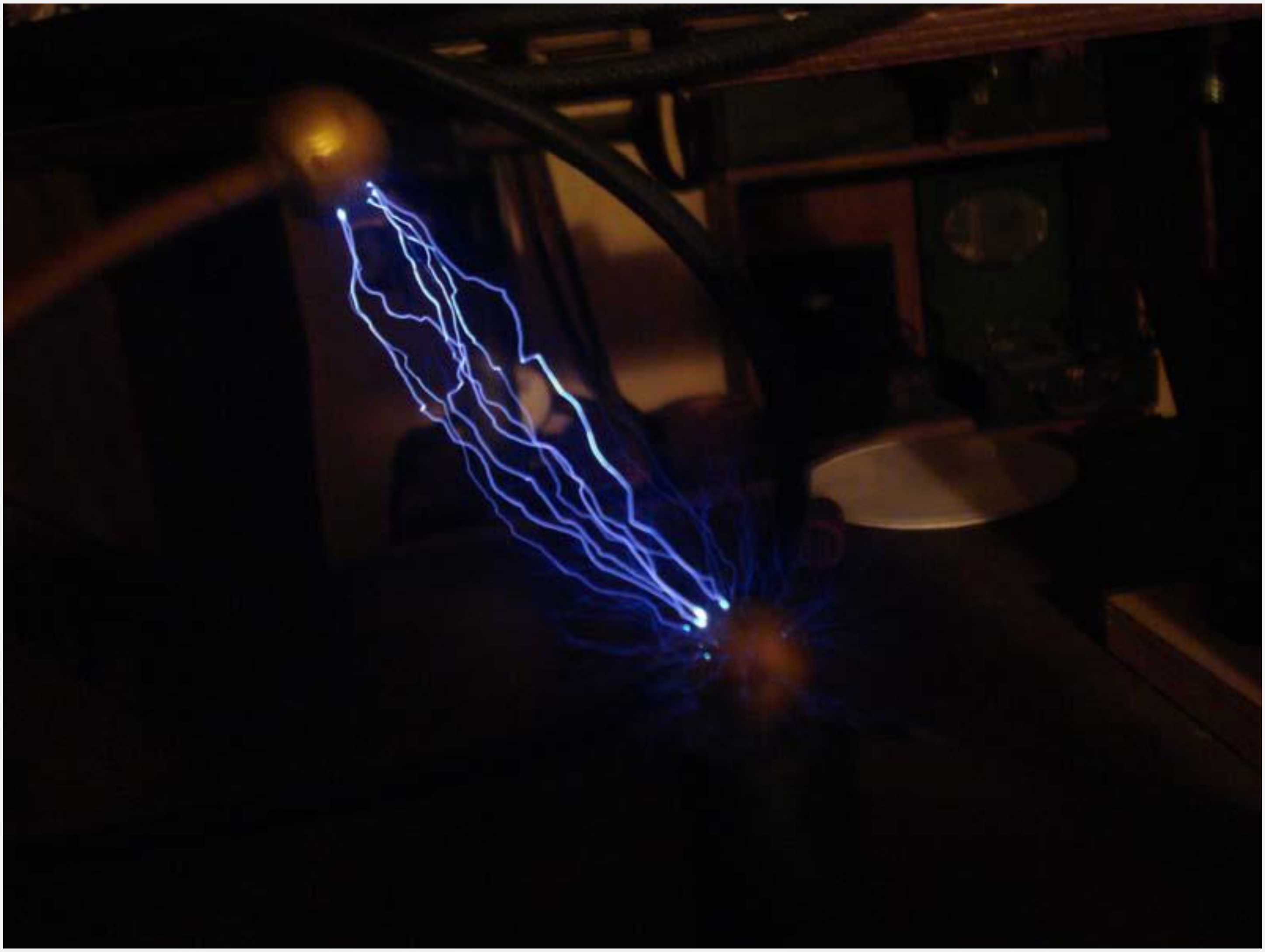










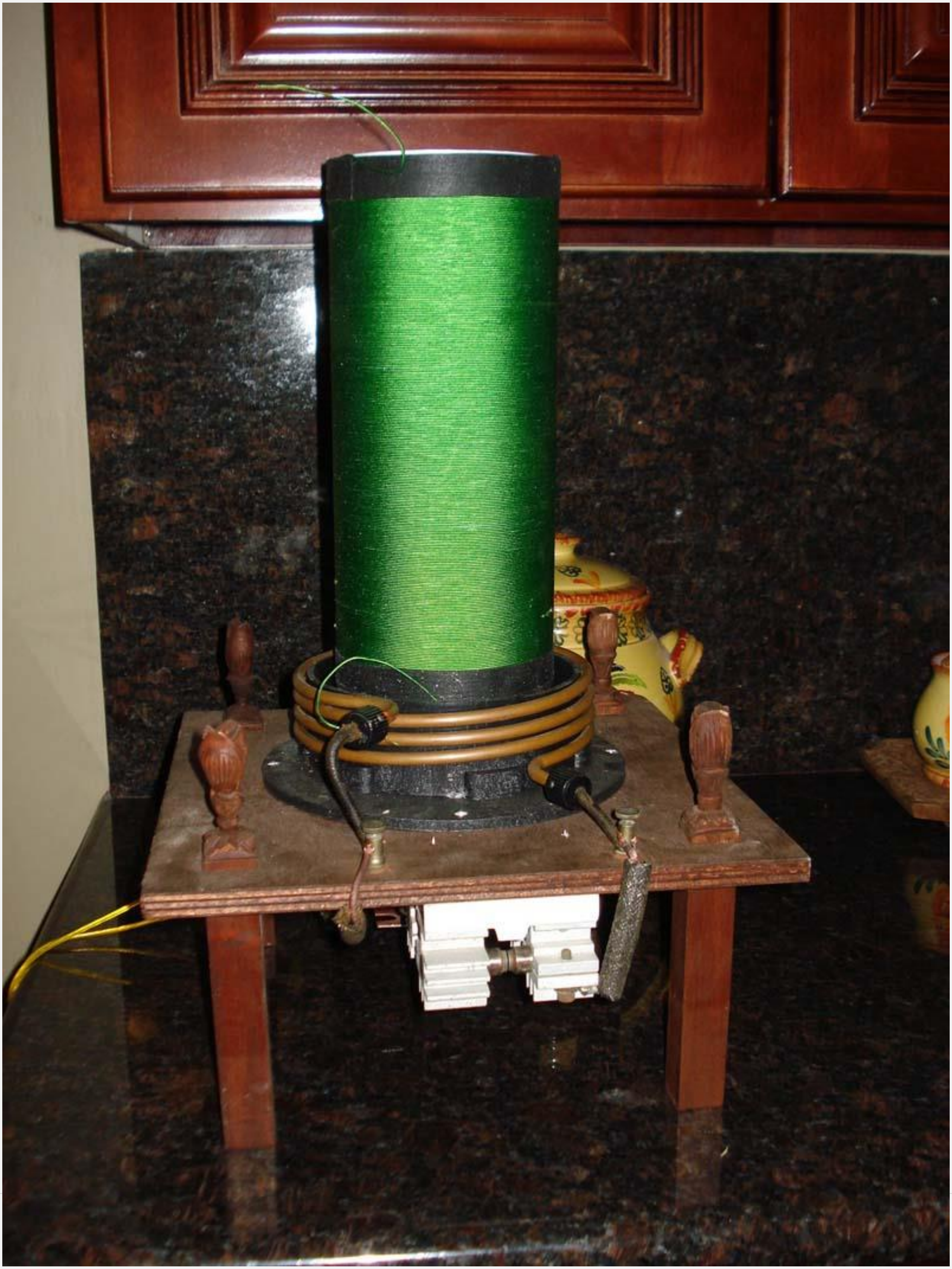


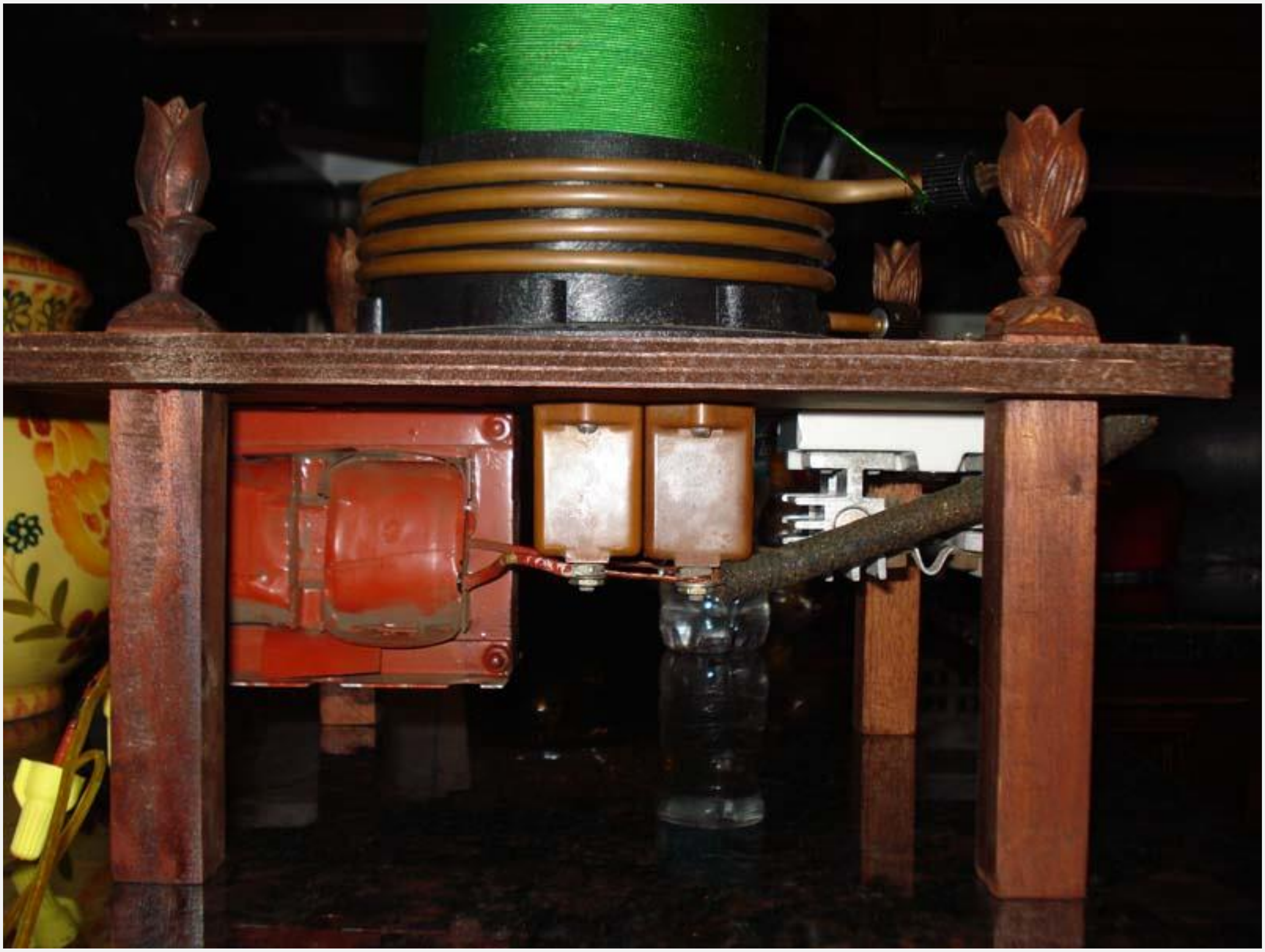
S.P.E.E.D
1-800-NEW-TOYOTA

Zephyrhills

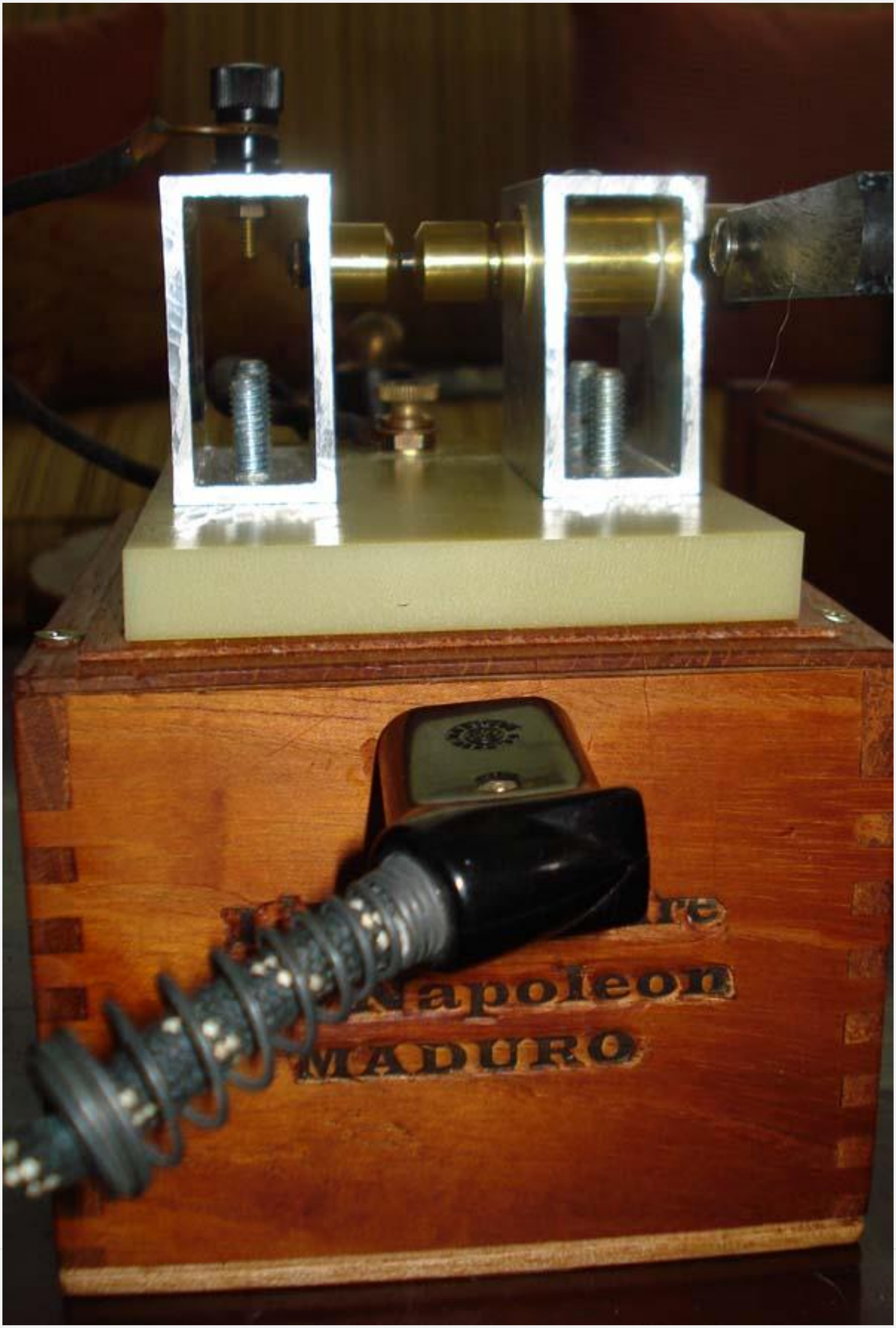
2009

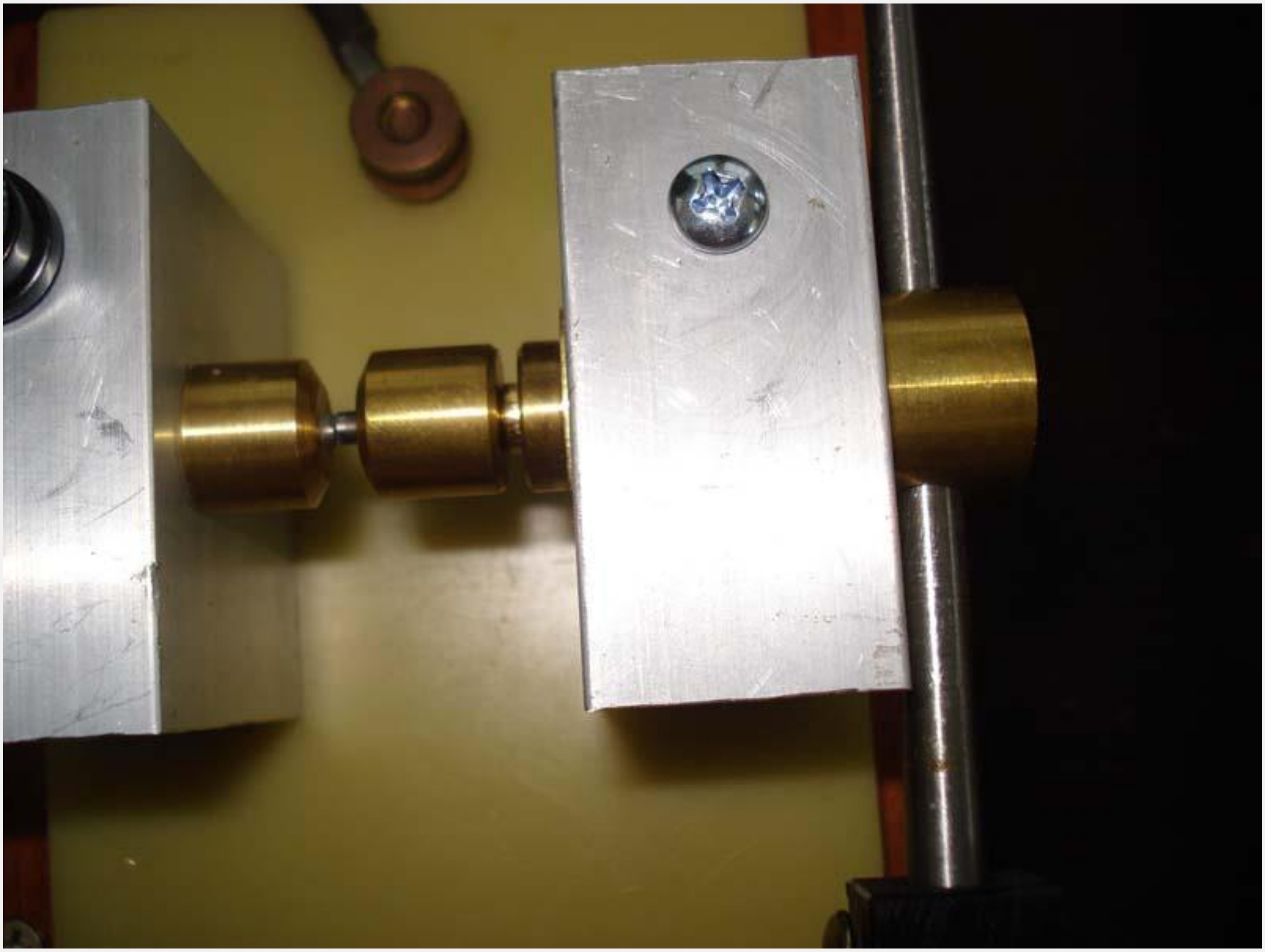
Calcium carbide canon

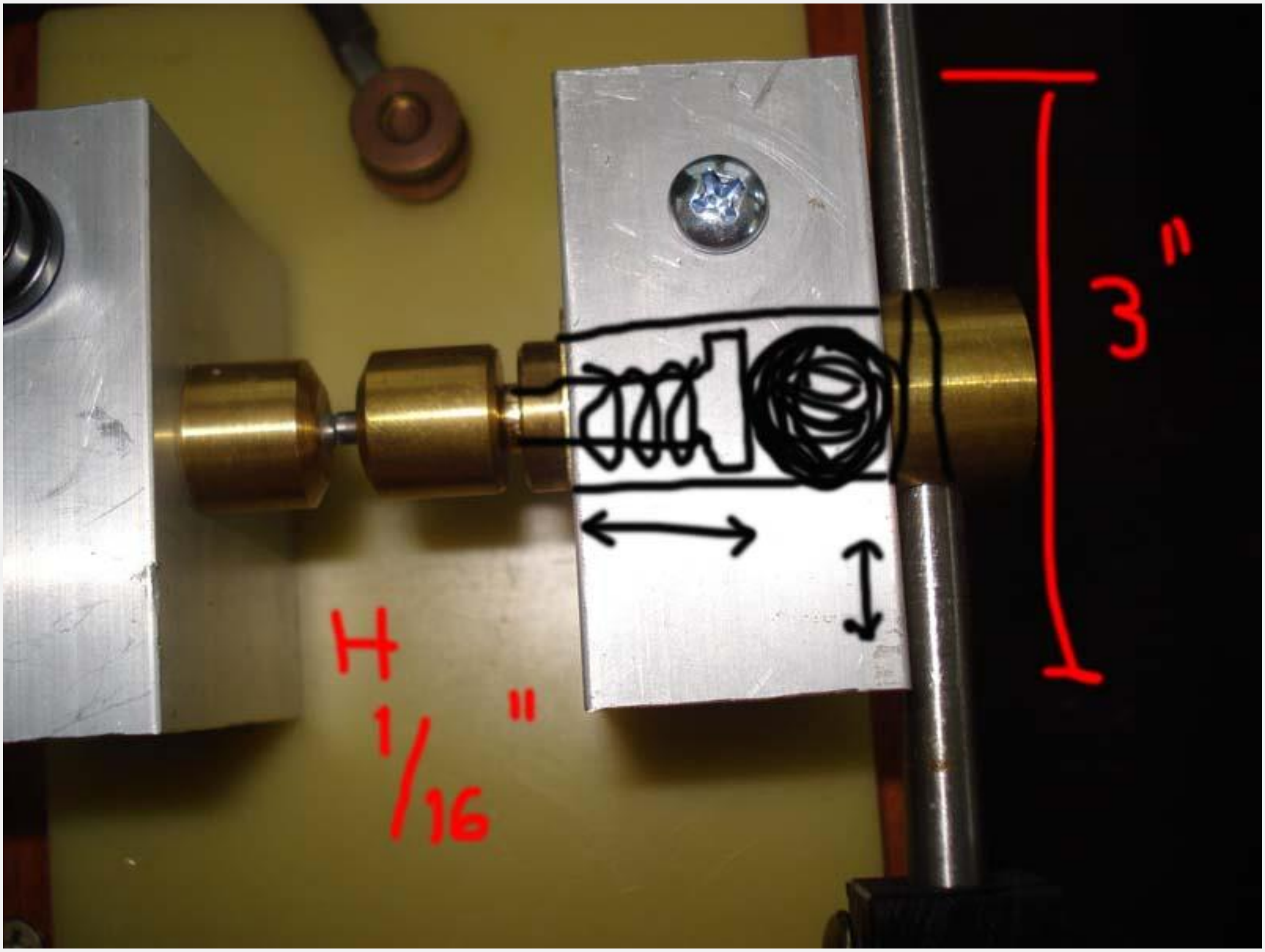




Tesla coil from TIG HF arc stabilizer circuit


Napoleon
MADURO

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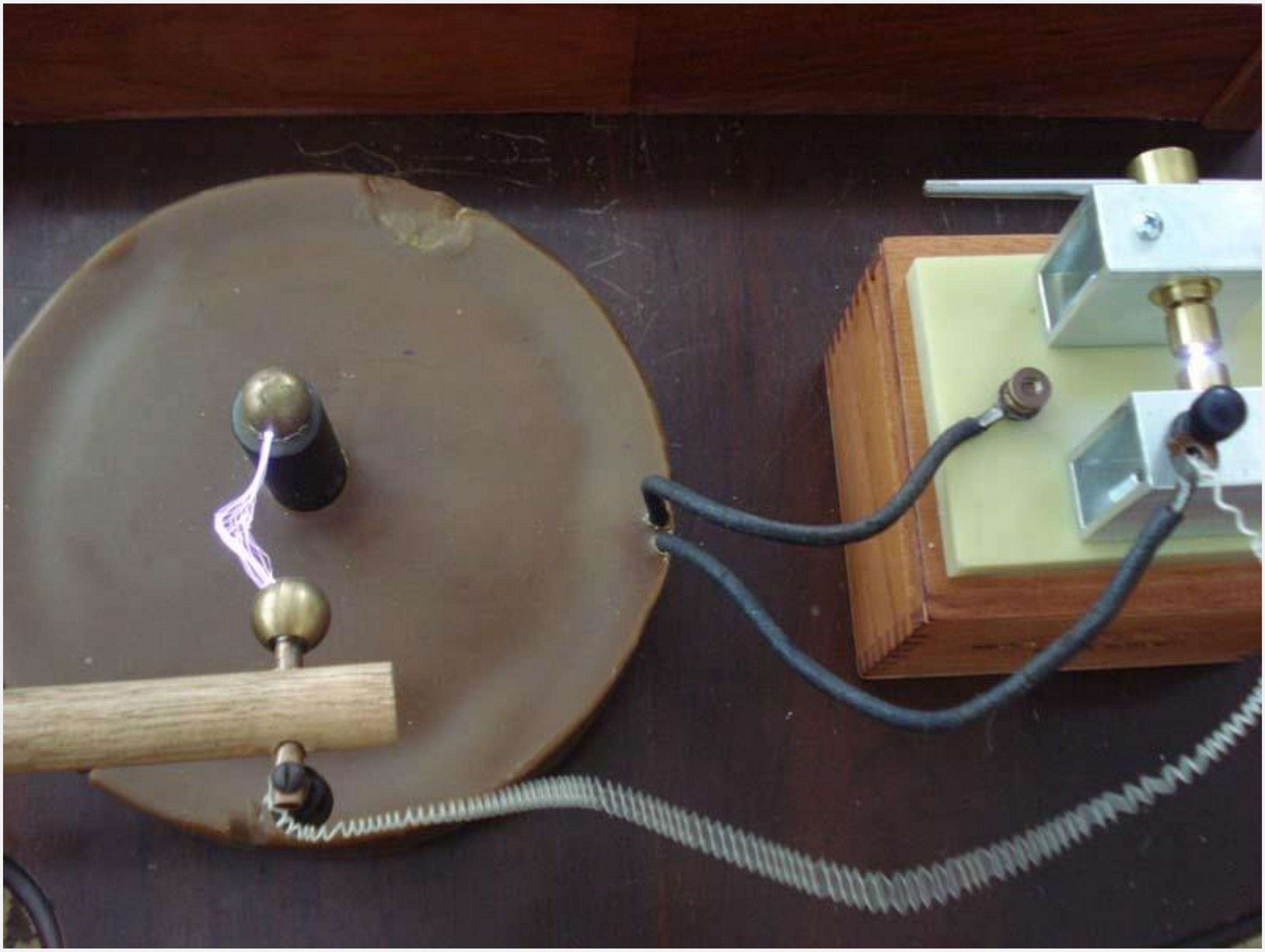

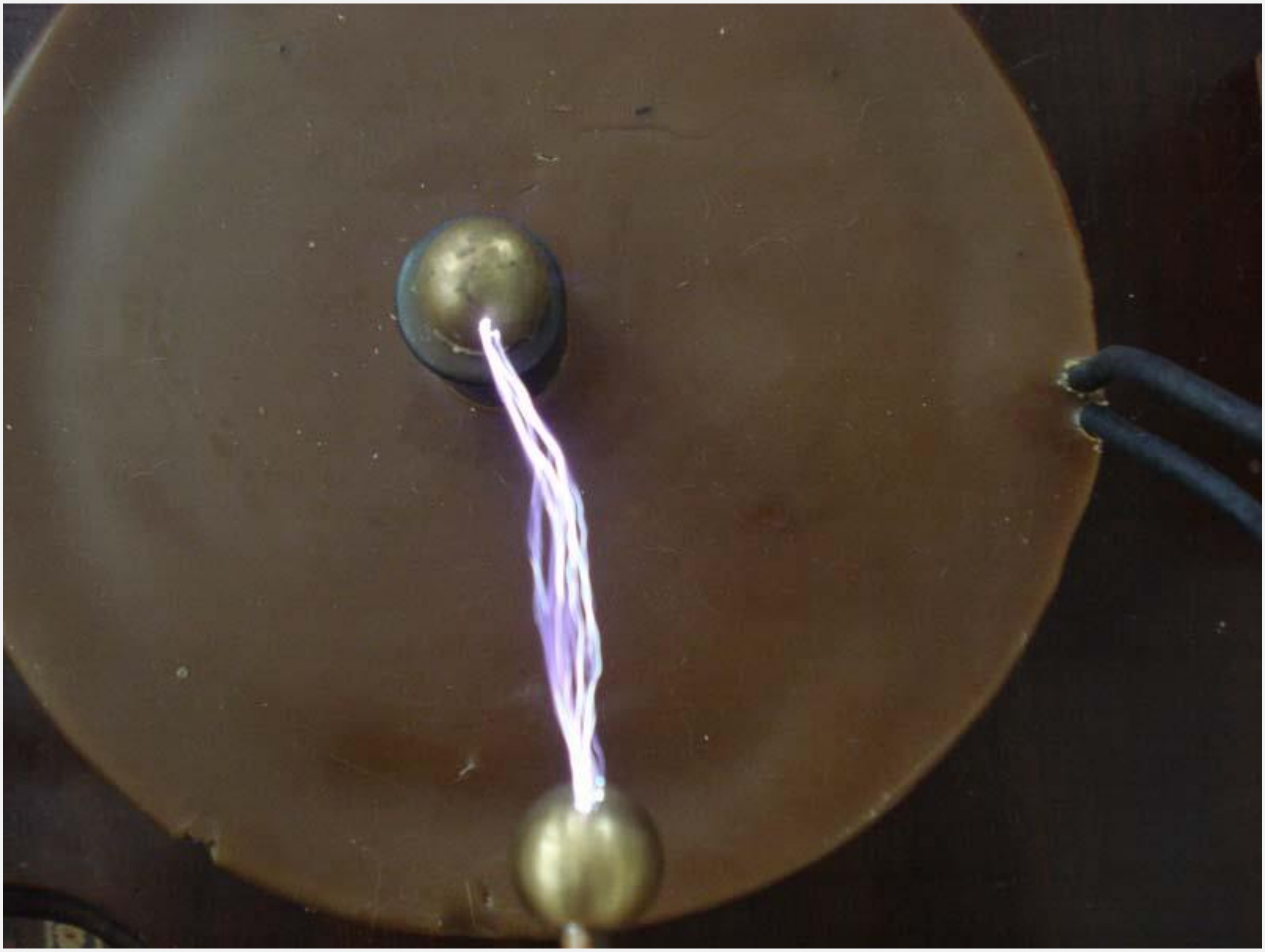

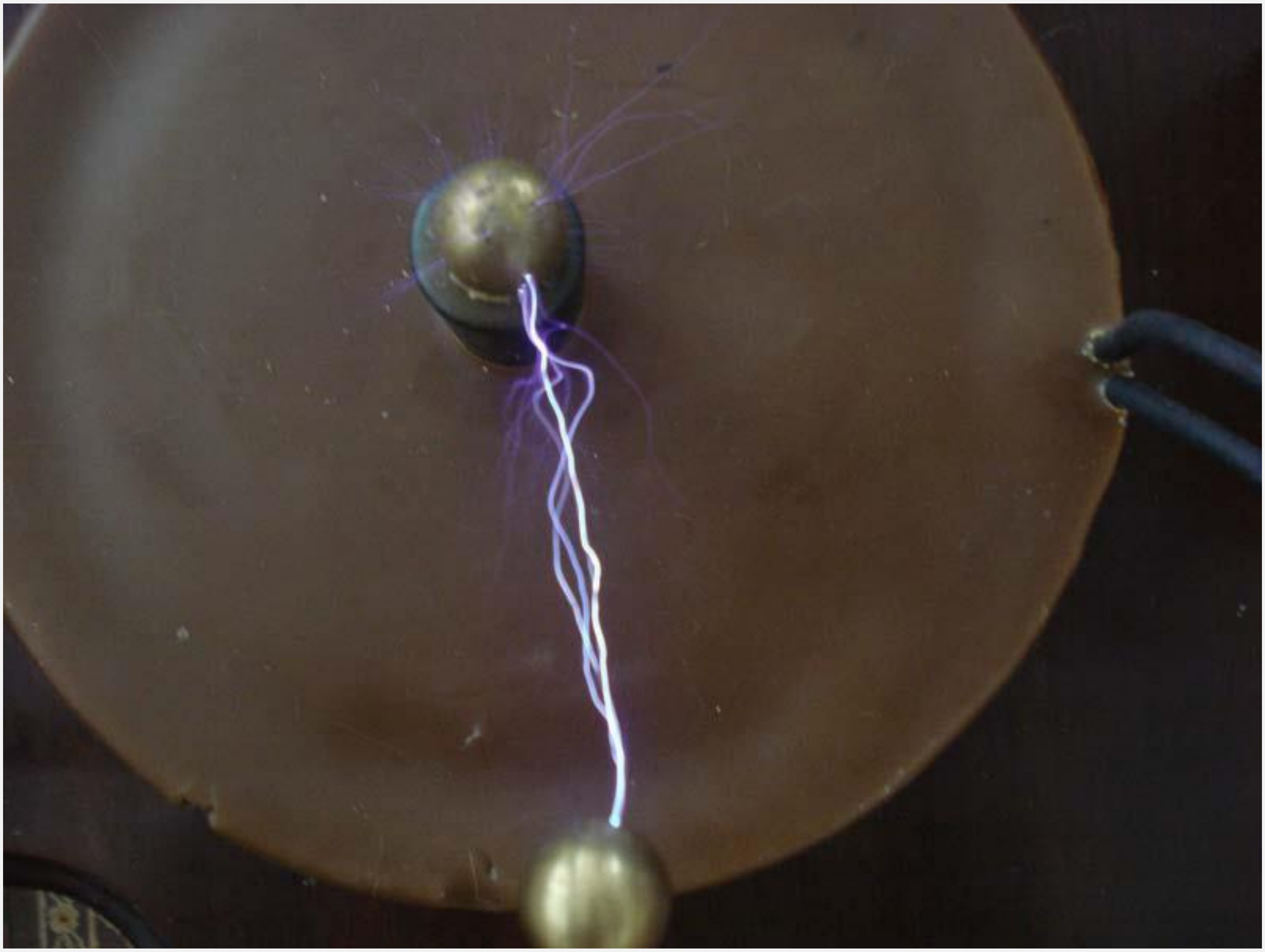

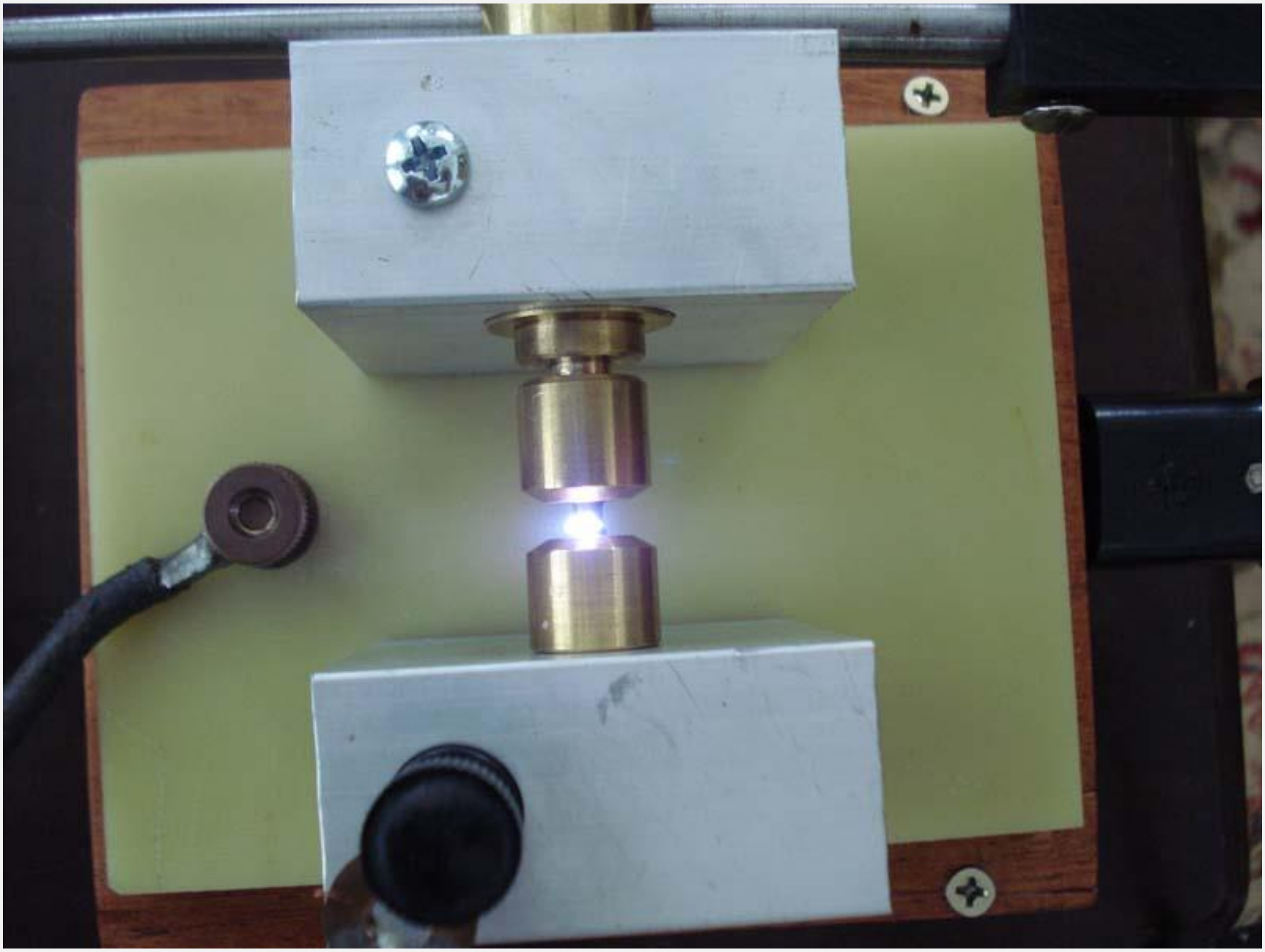

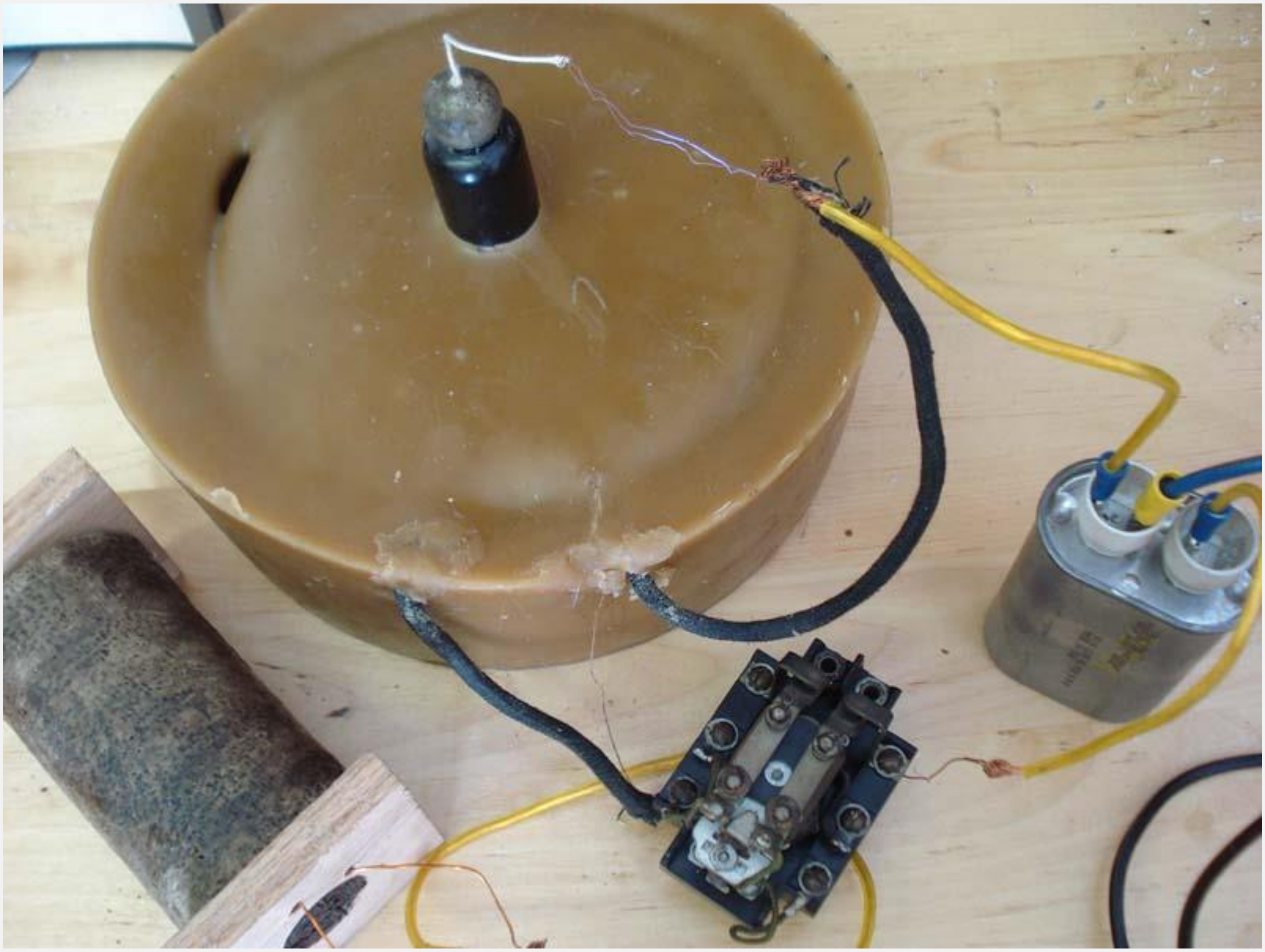

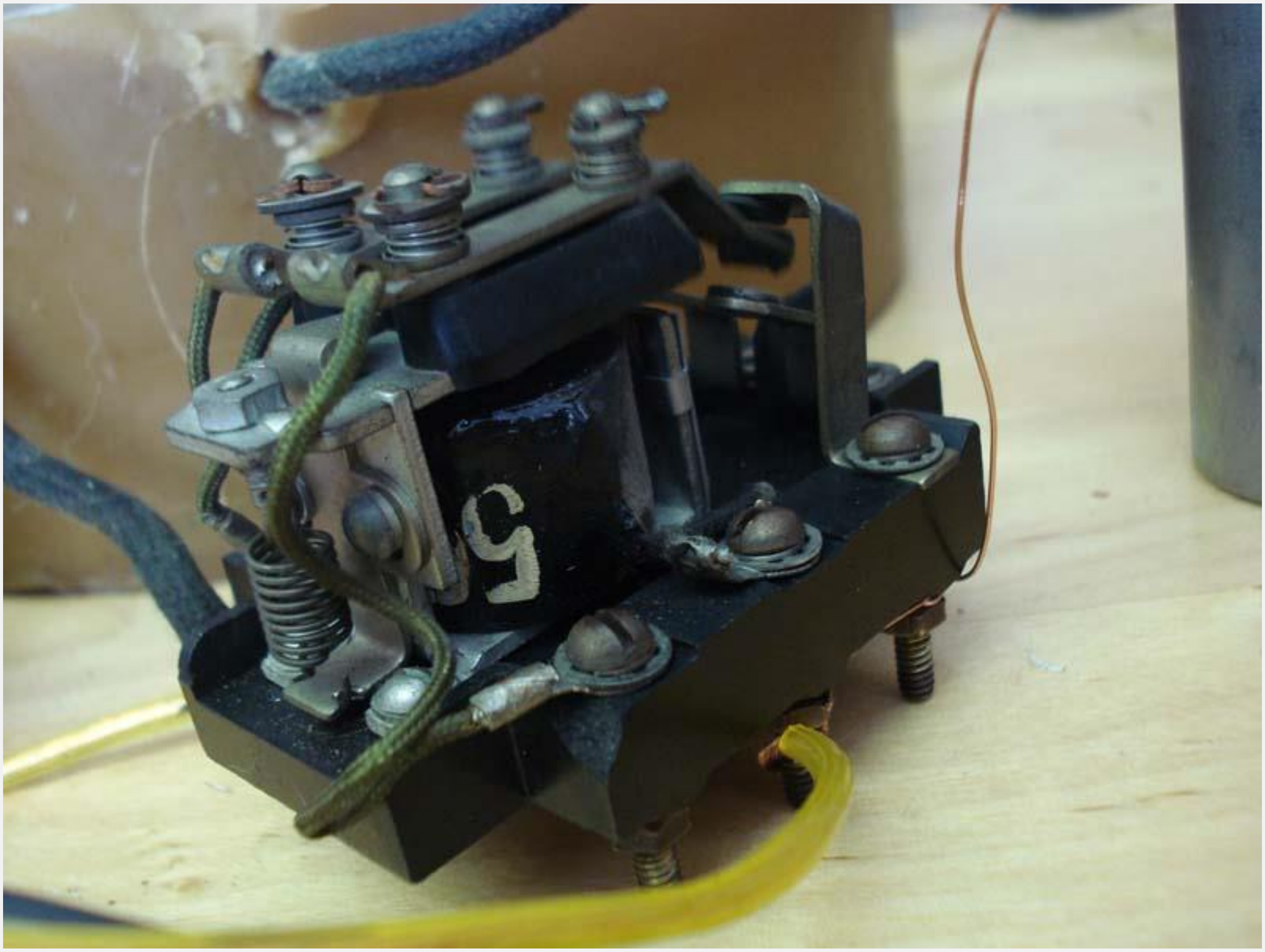
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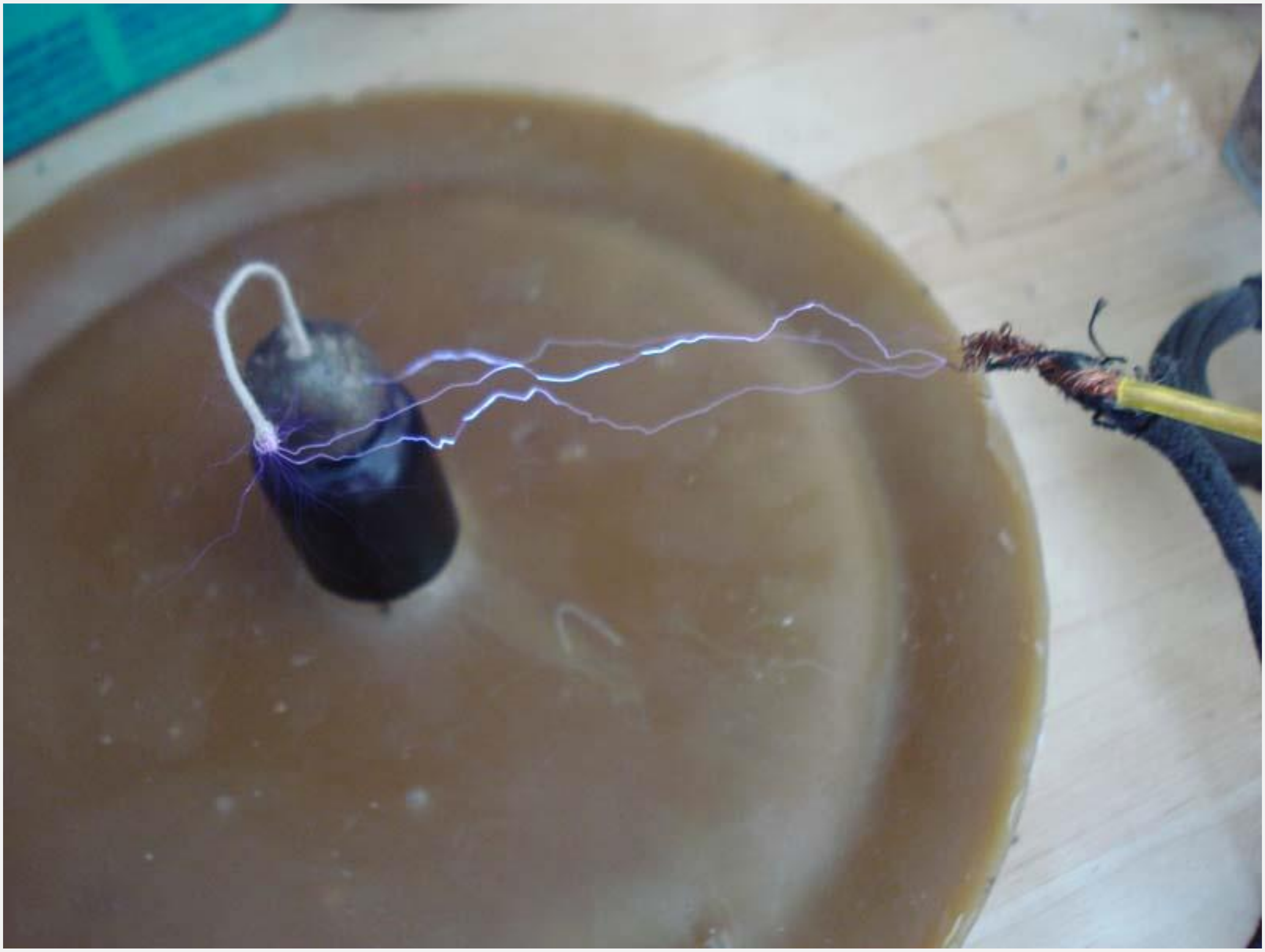
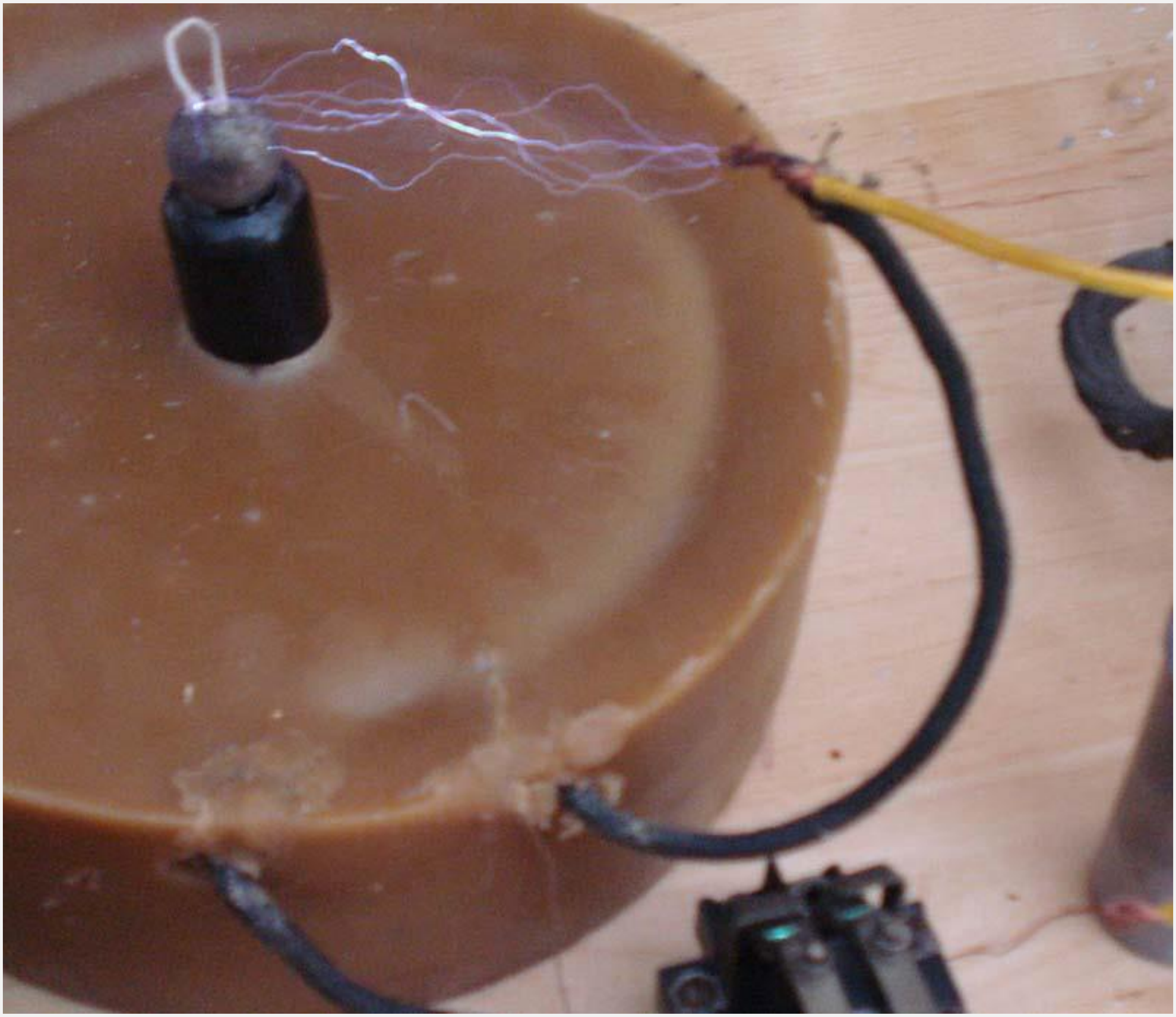
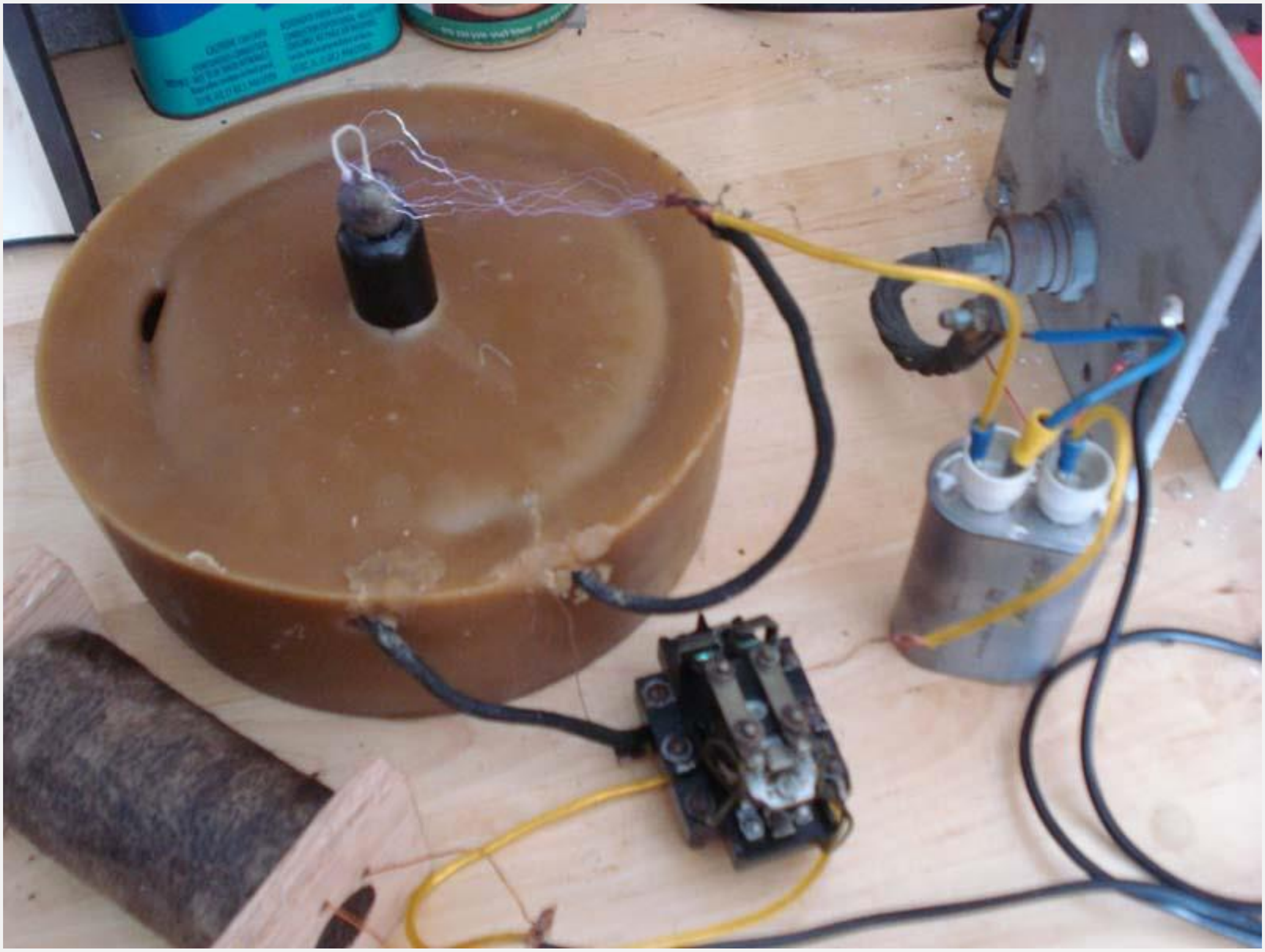
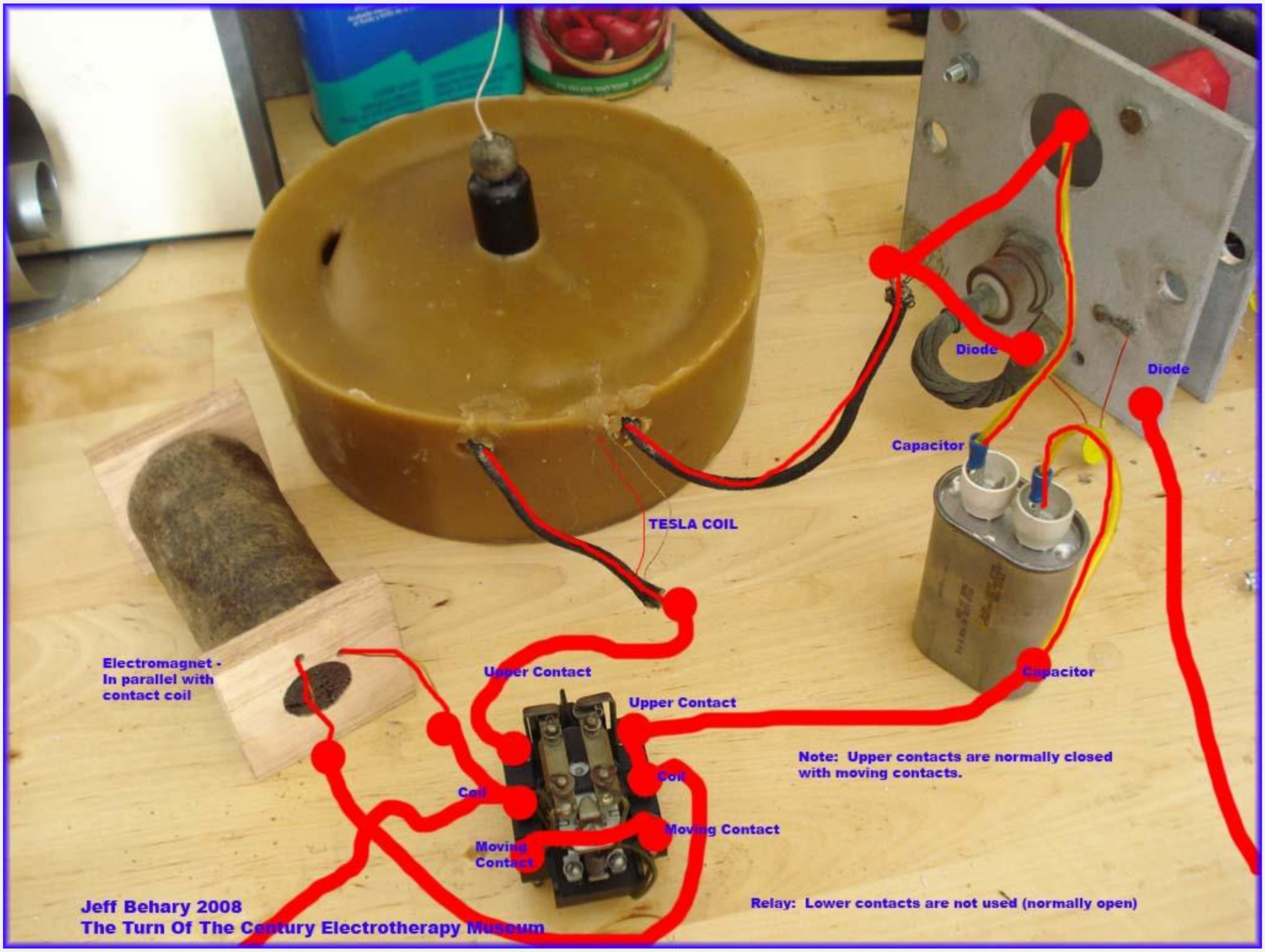




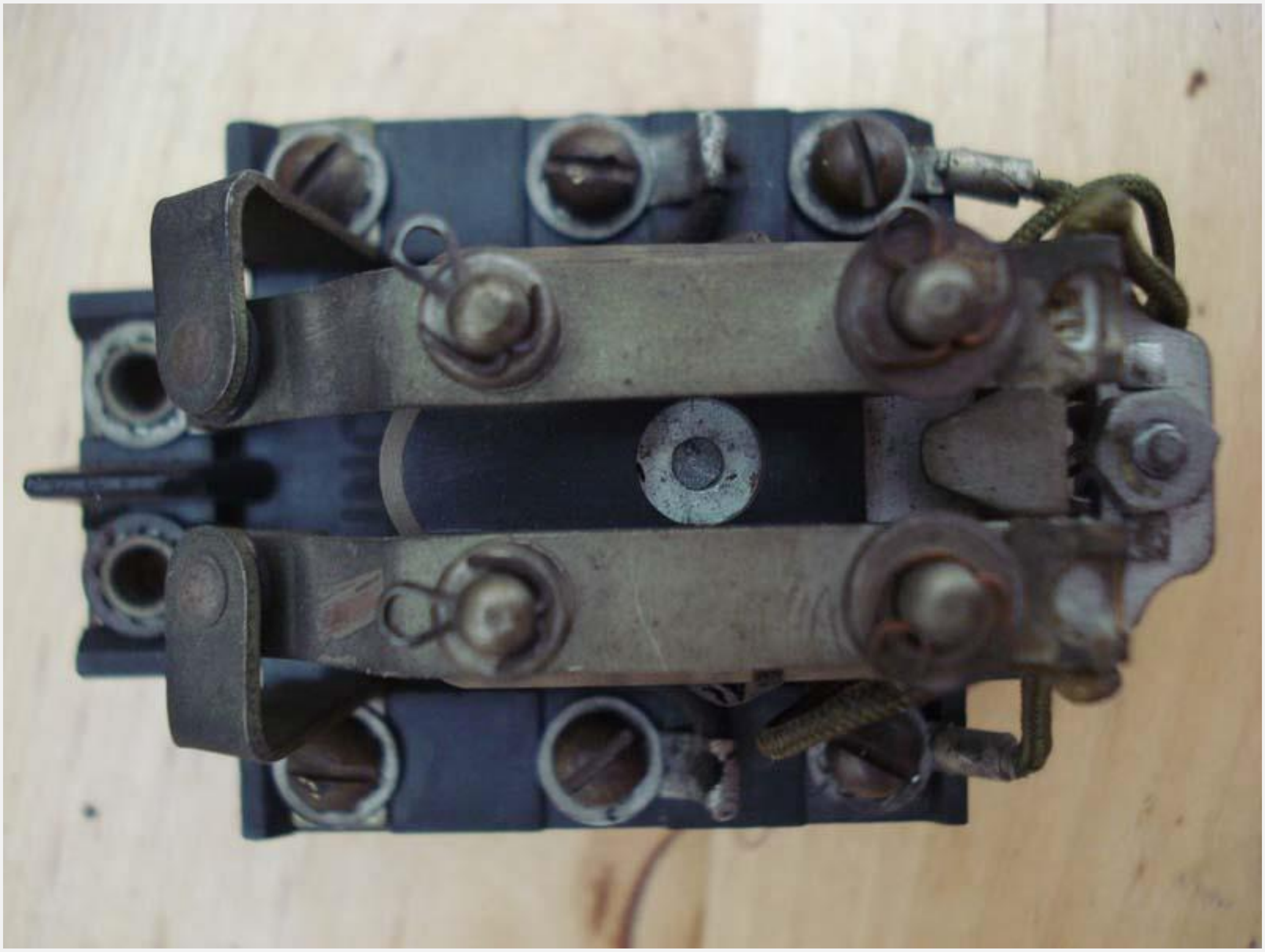


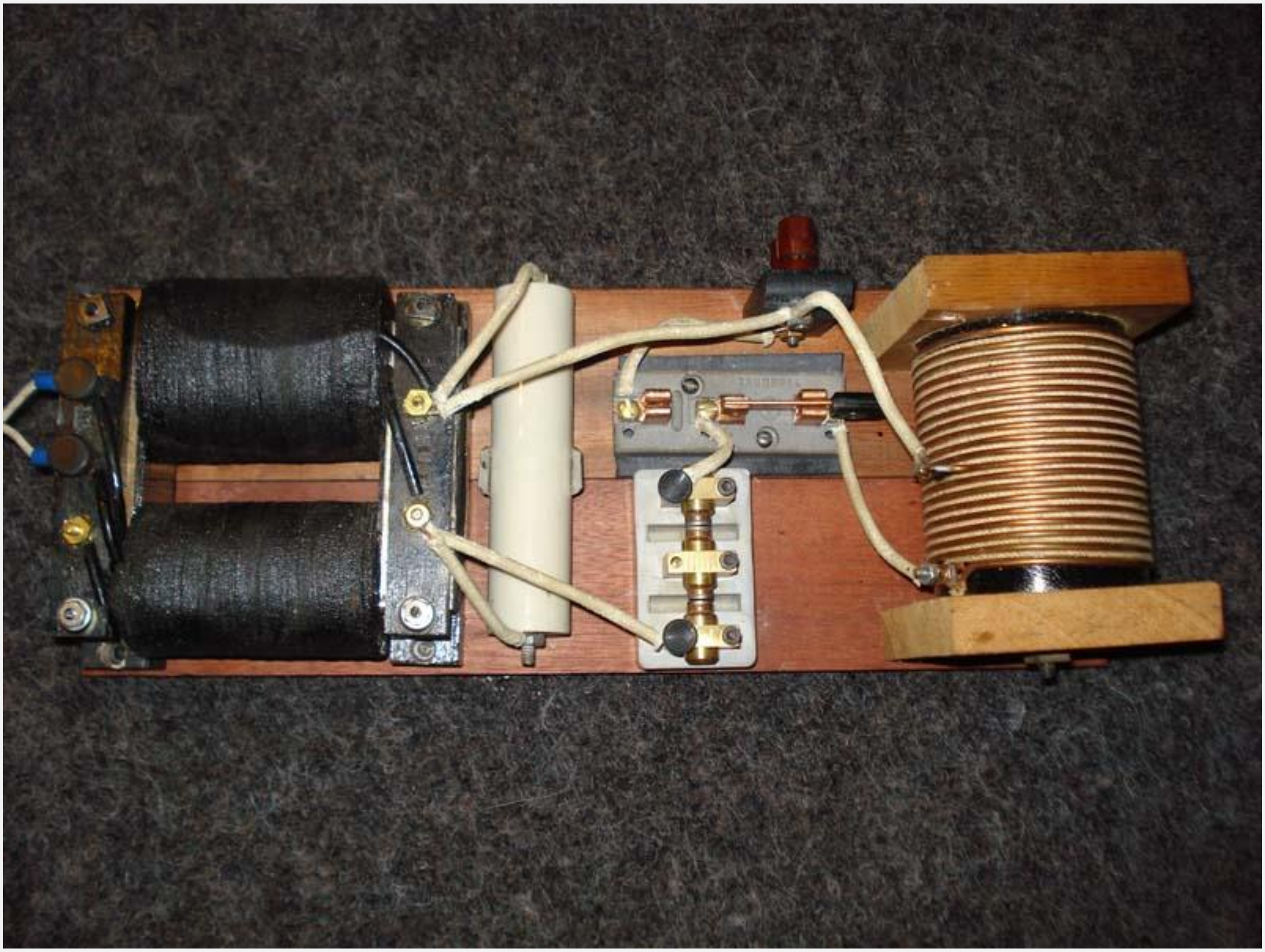


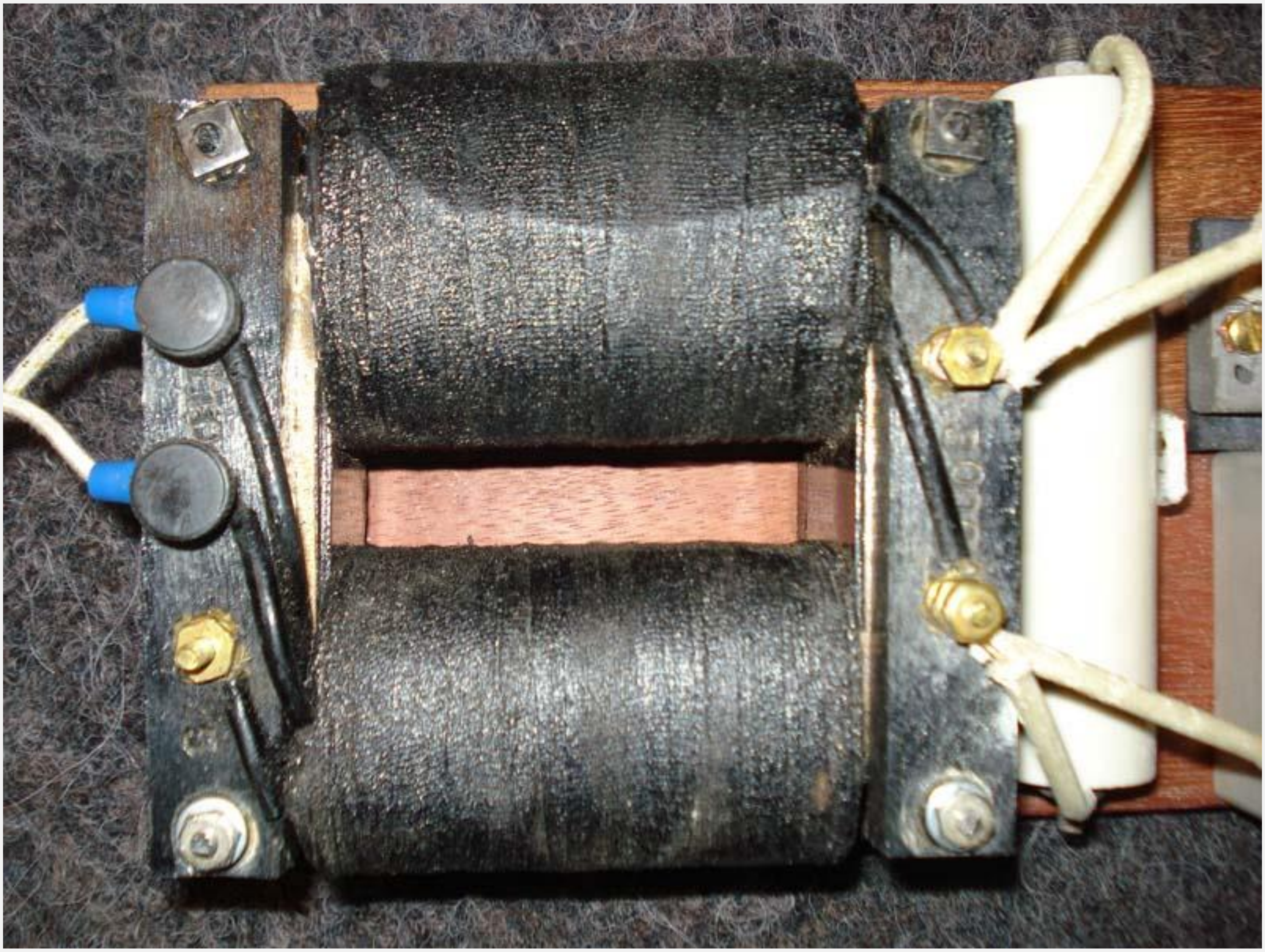
Note: Upper contacts are normally closed with moving contacts.

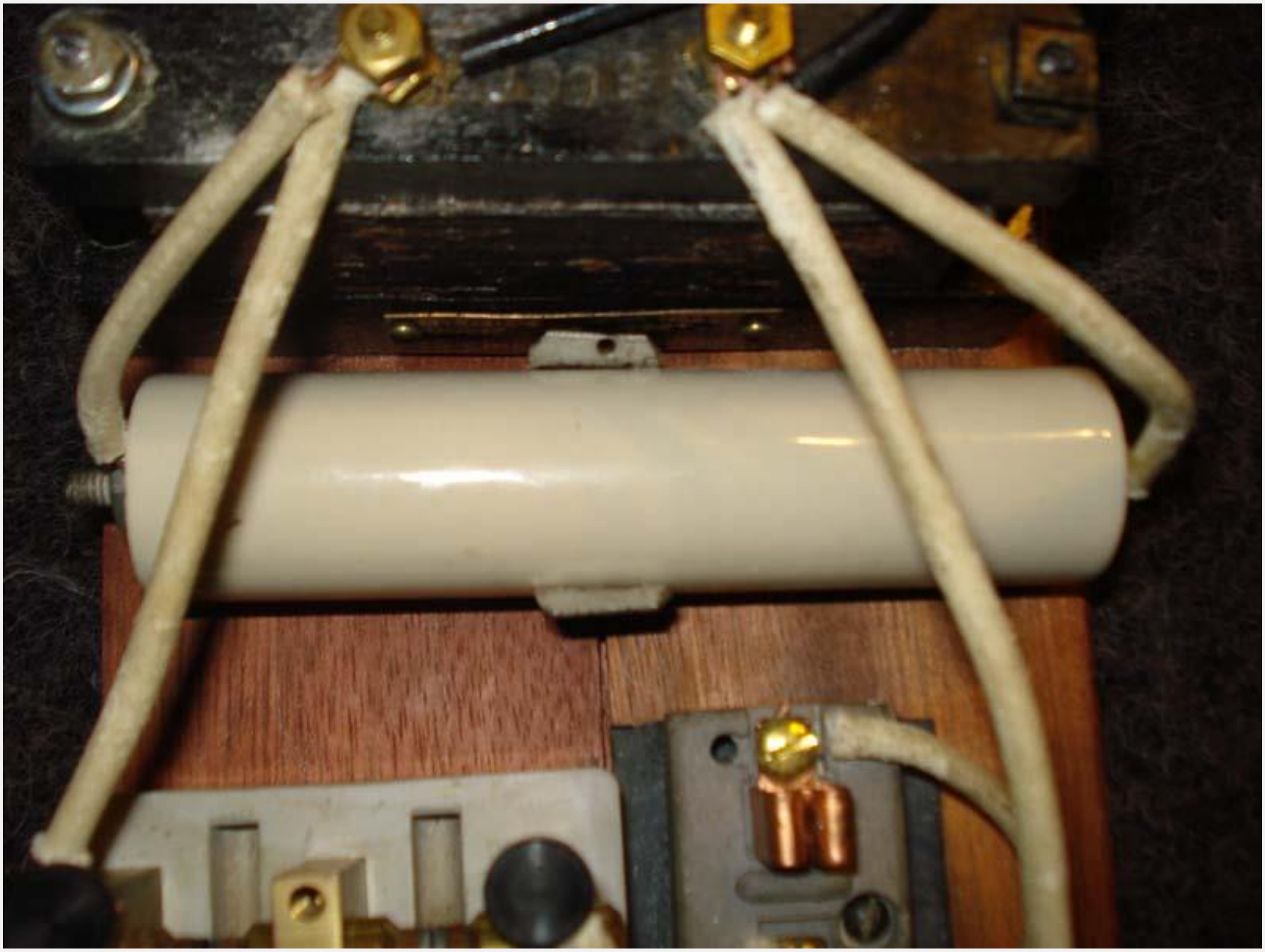
Relay: Lower contacts are not used (normally open)

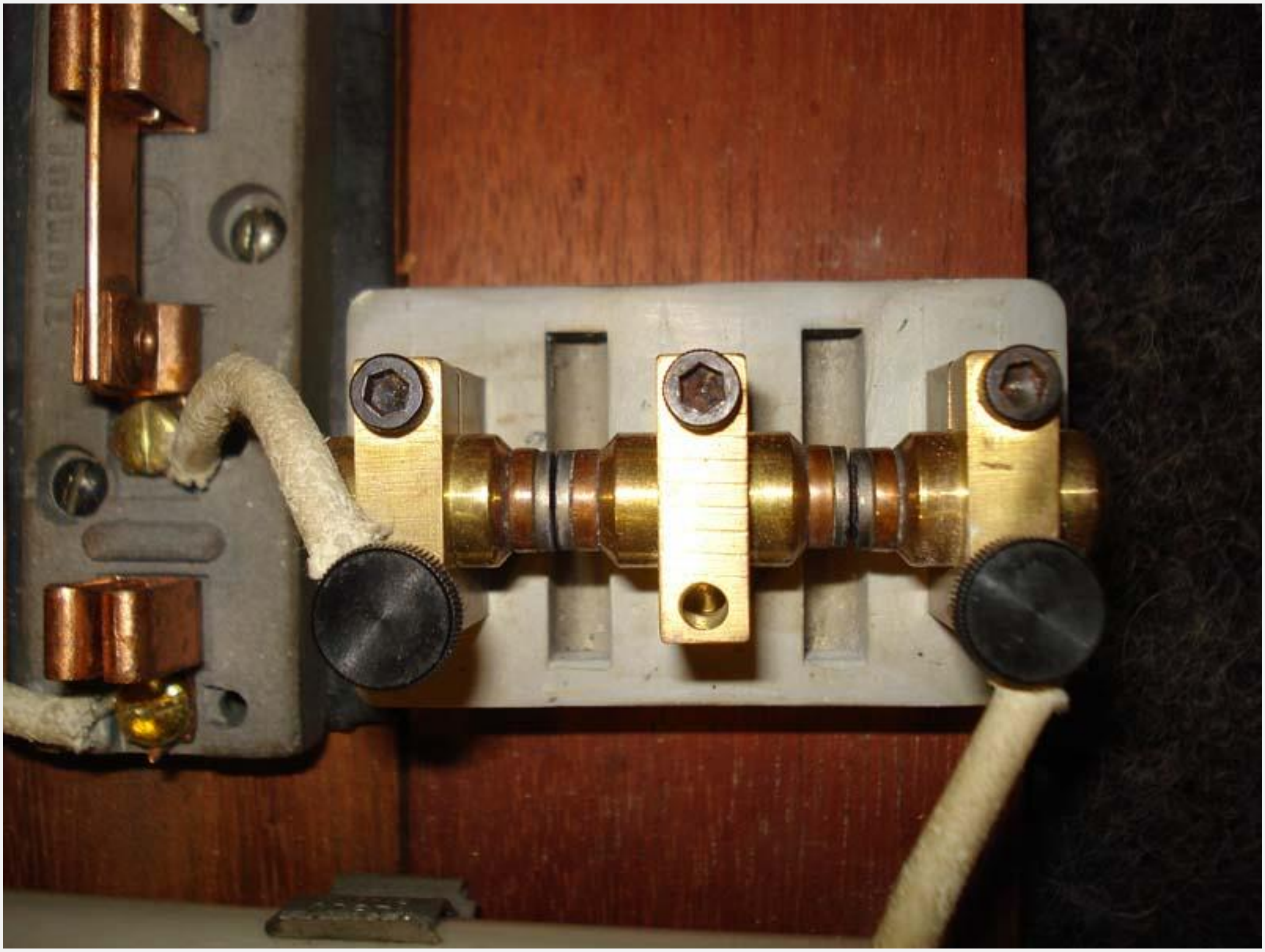
Jeff Behary 2008
The Turn Of The Century Electrotherapy Museum

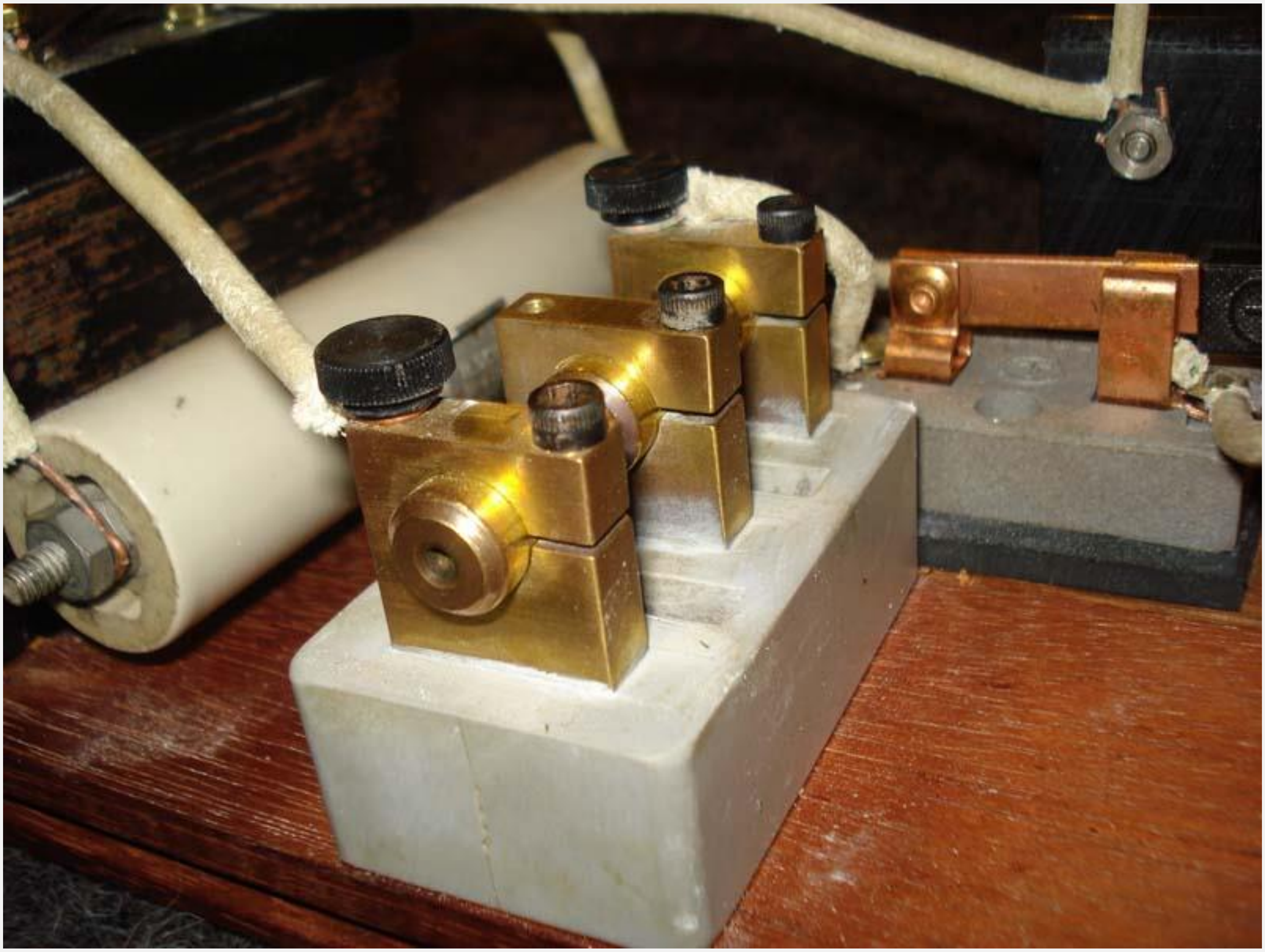


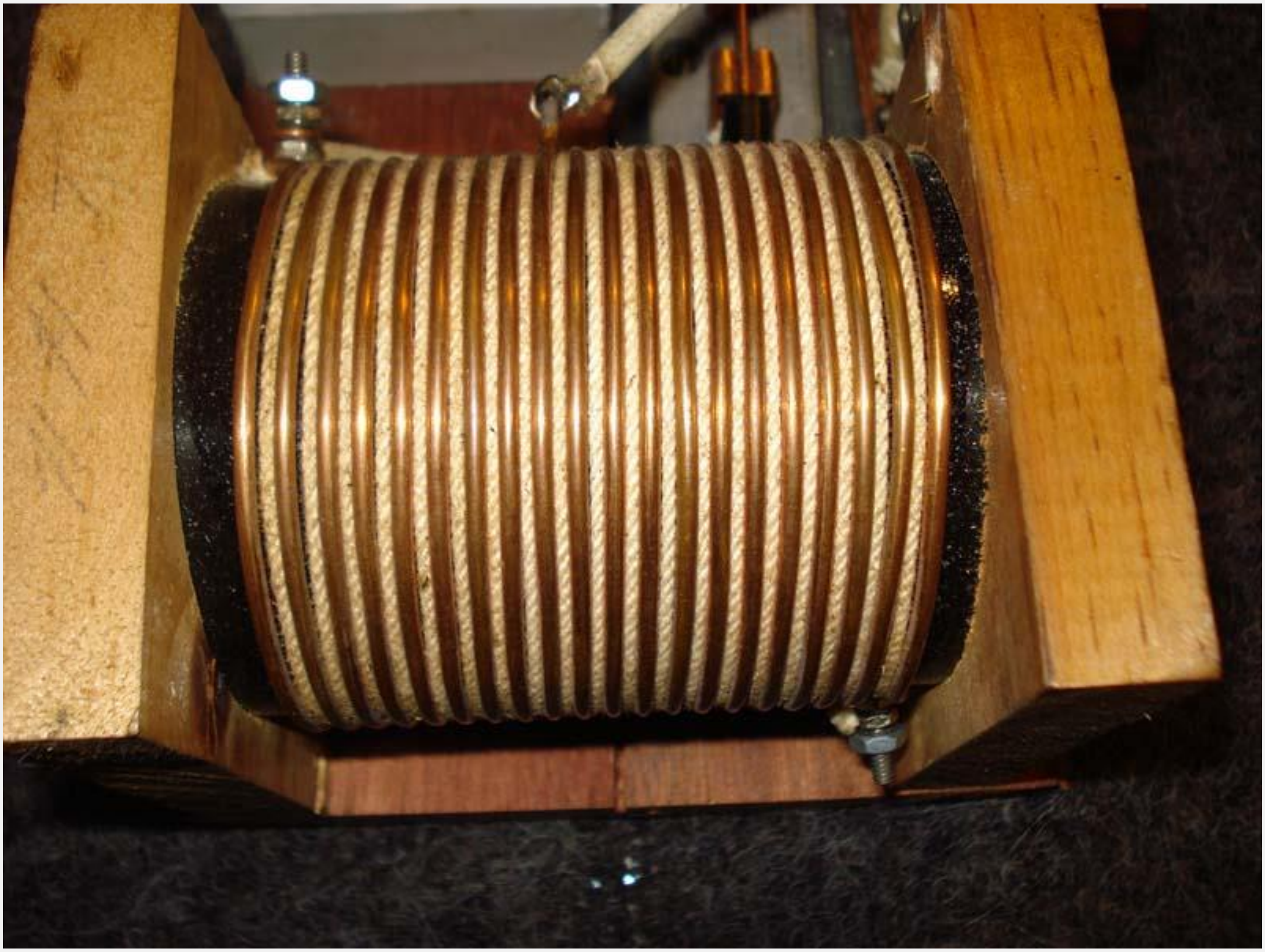


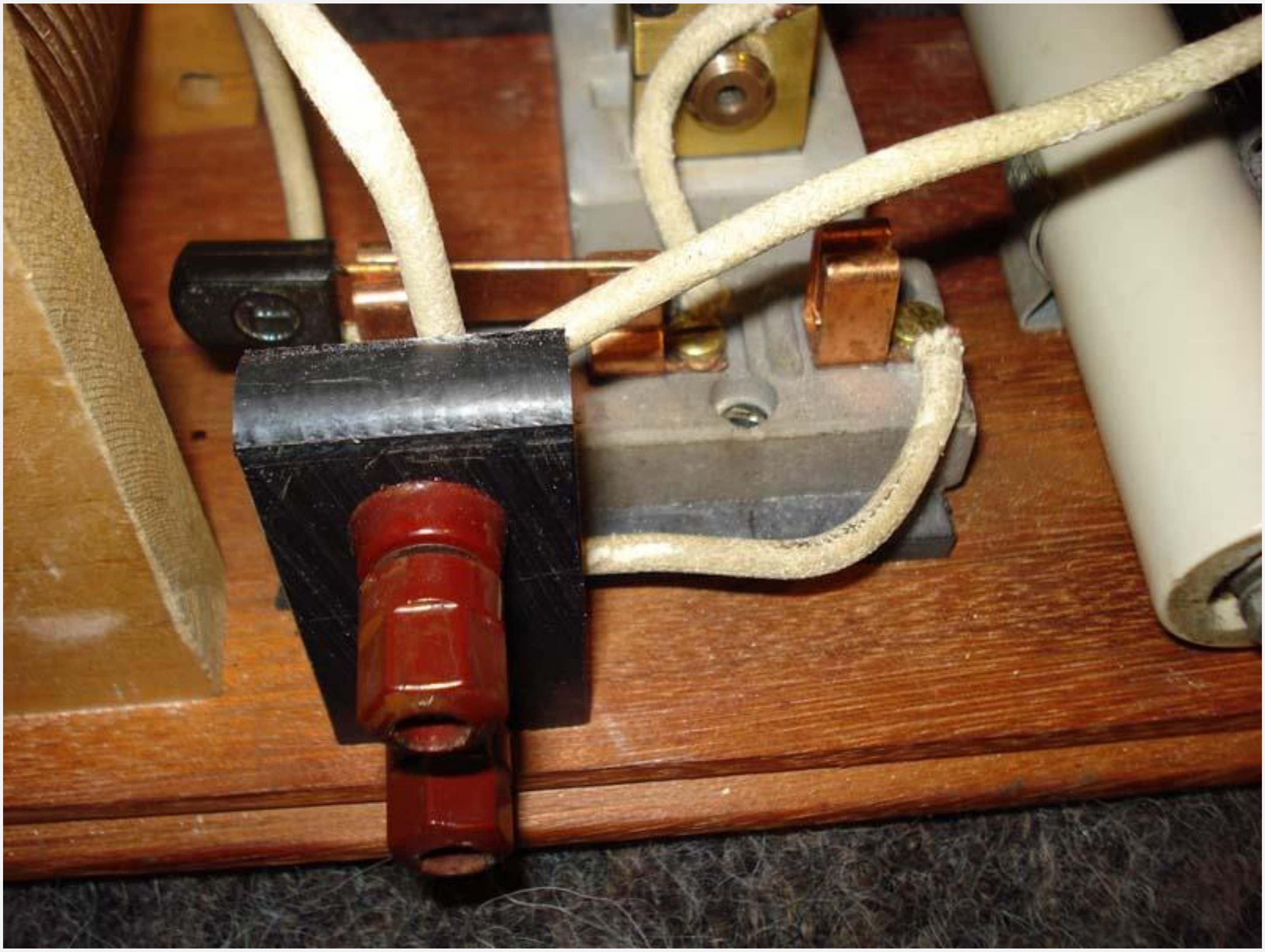


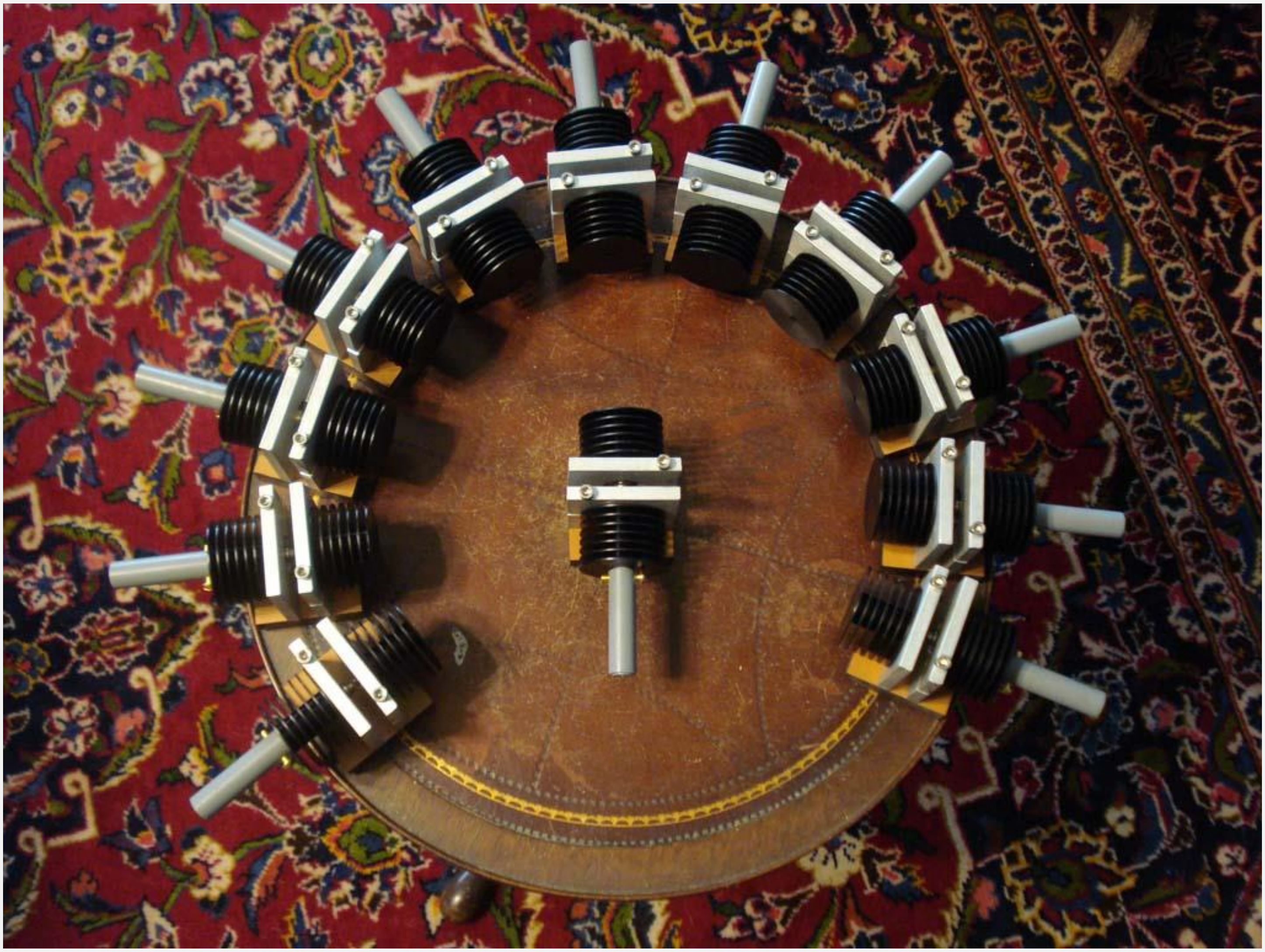


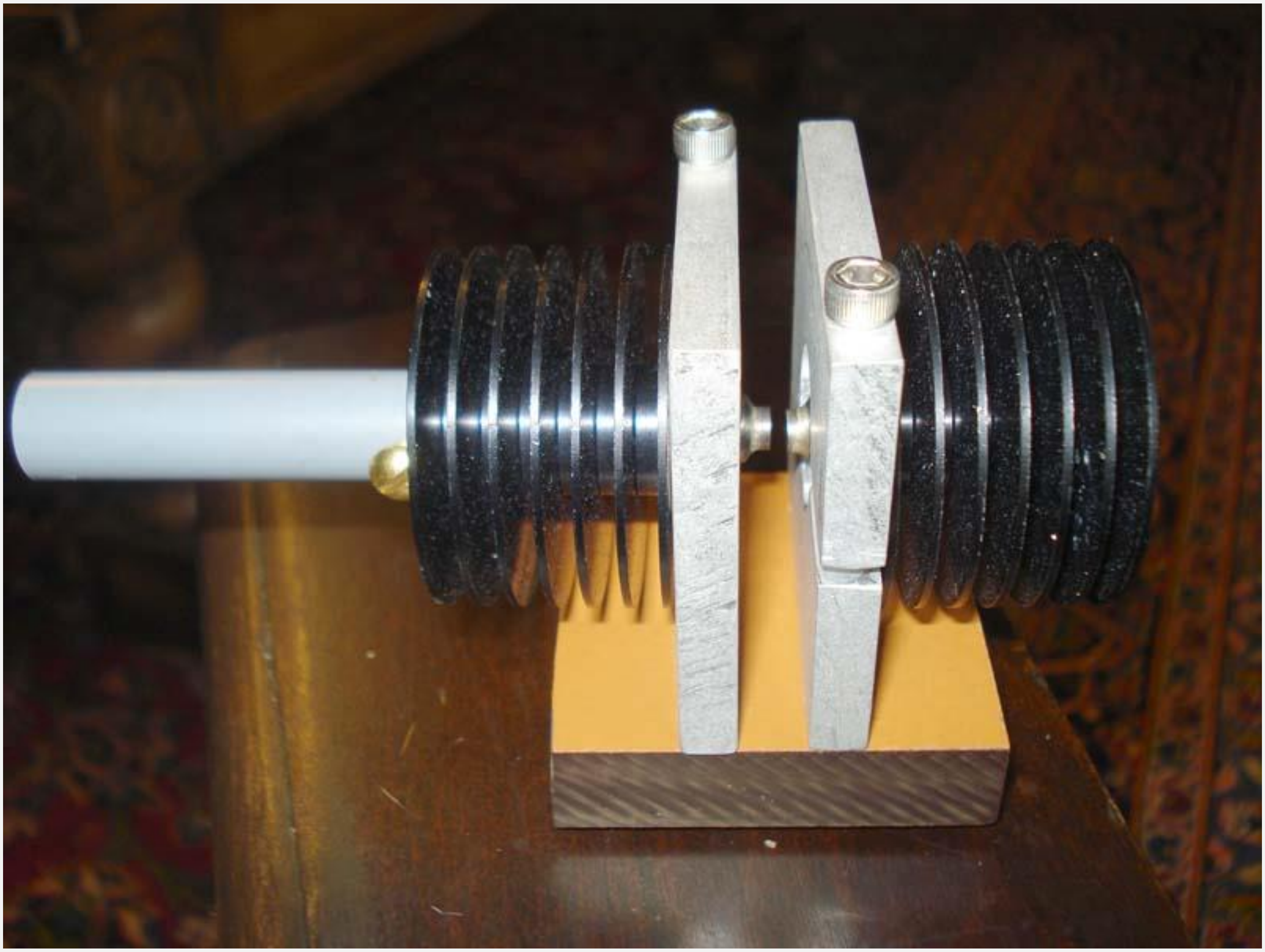


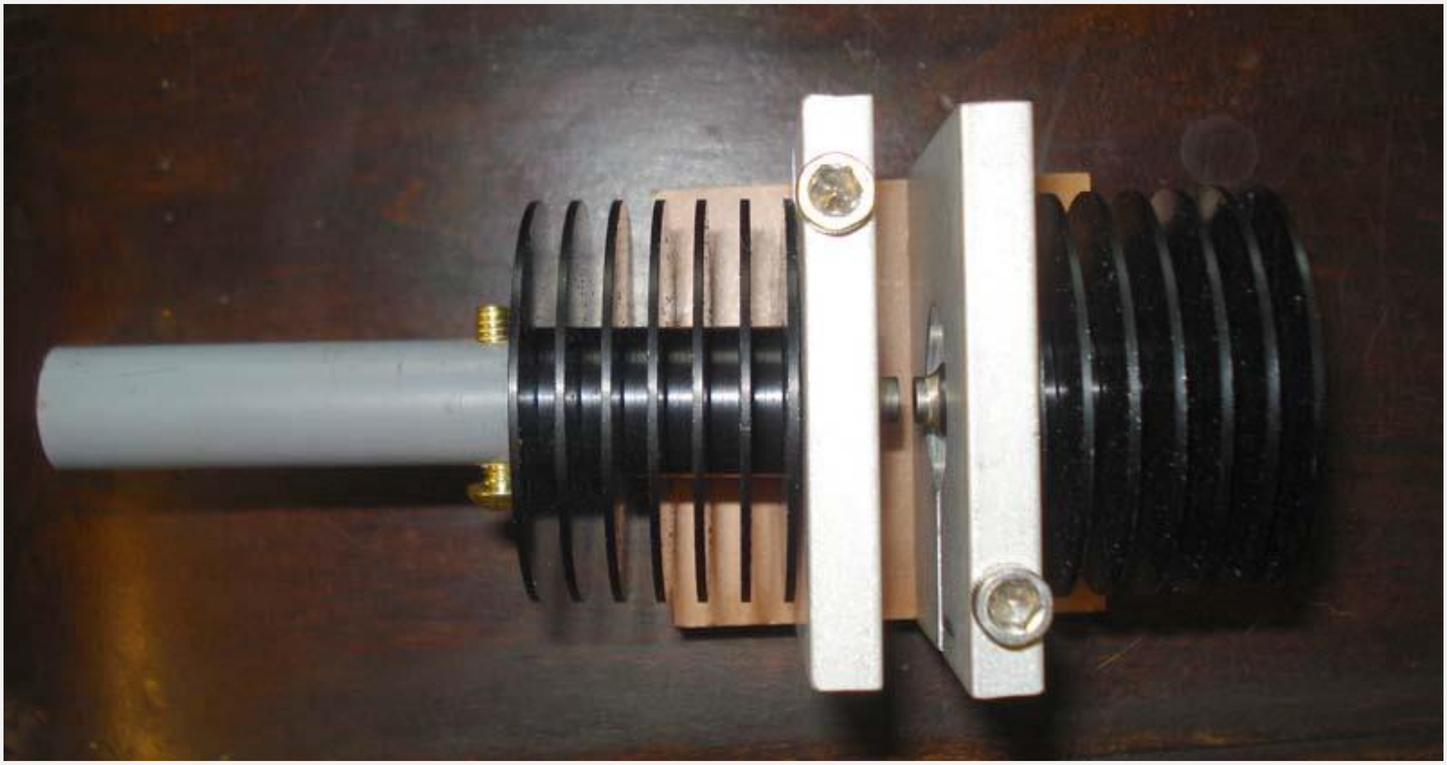


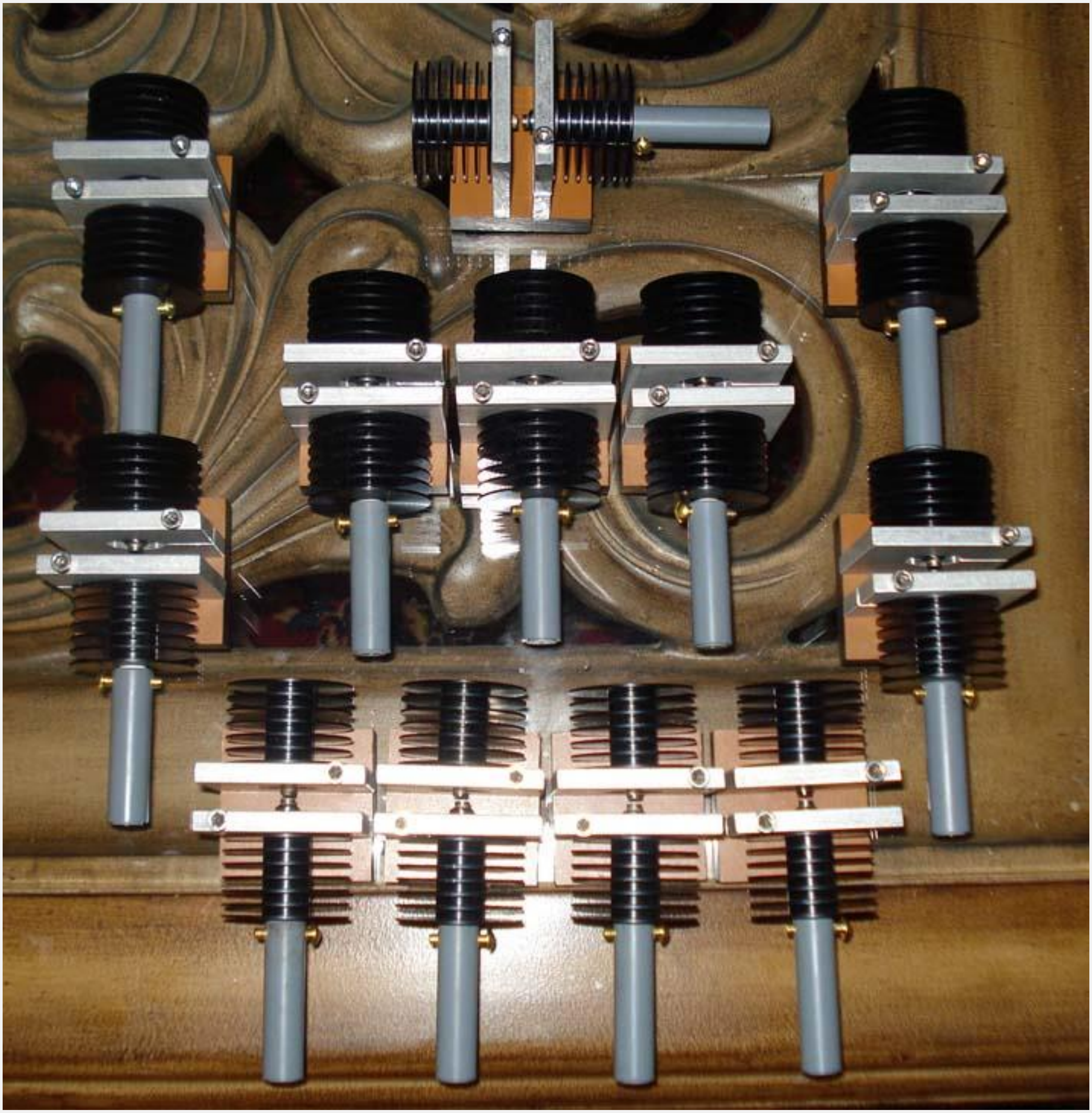


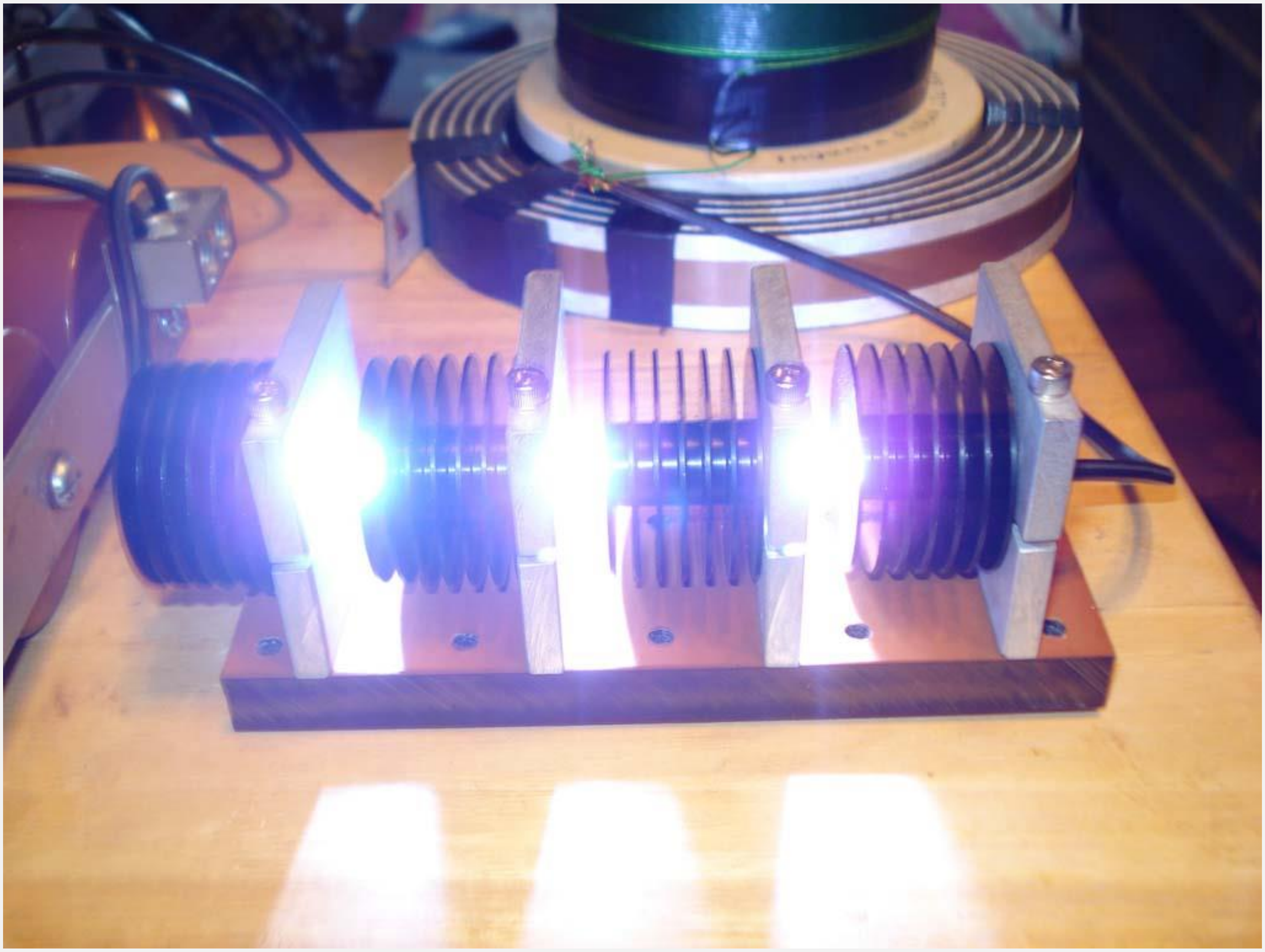


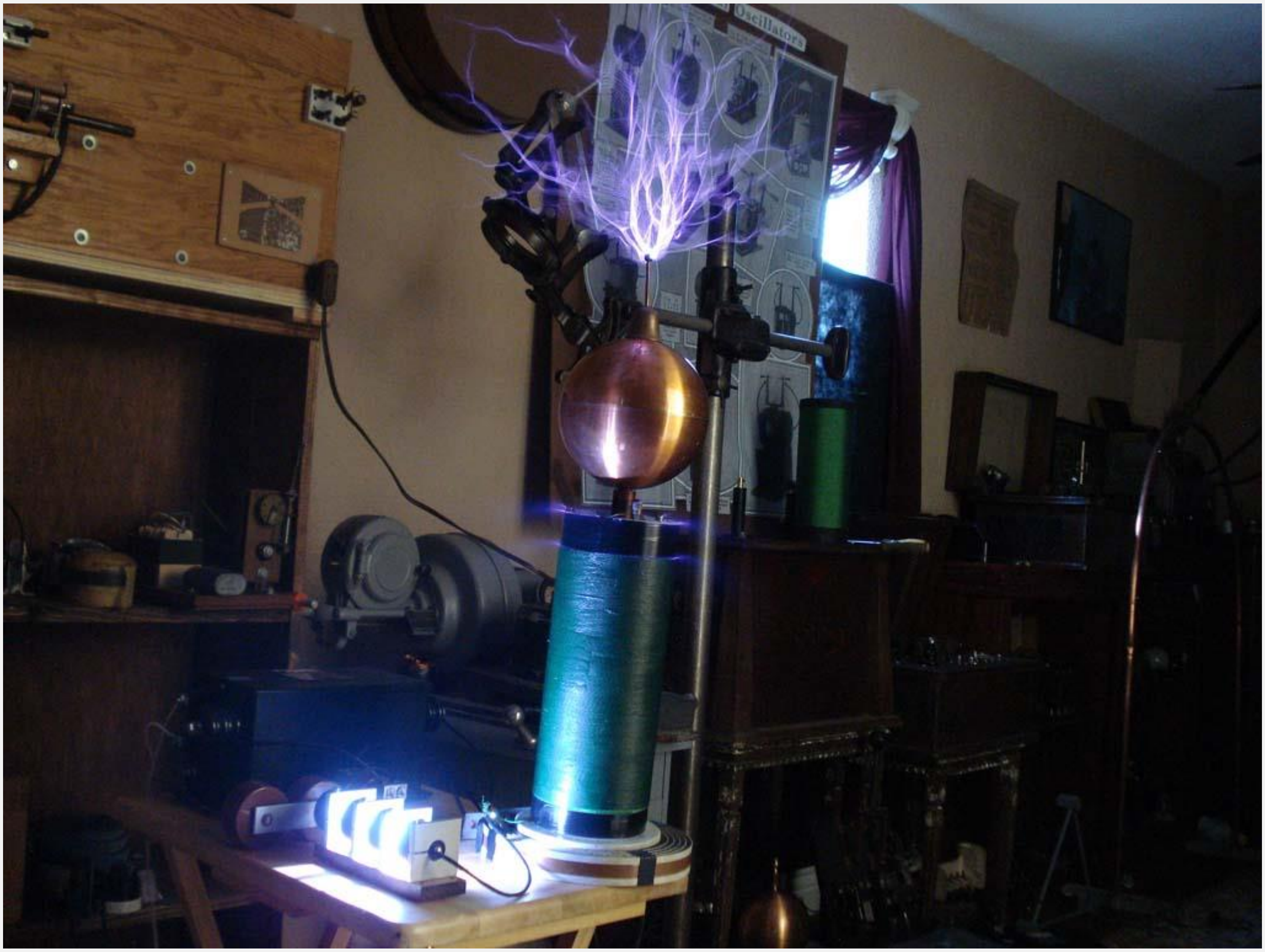


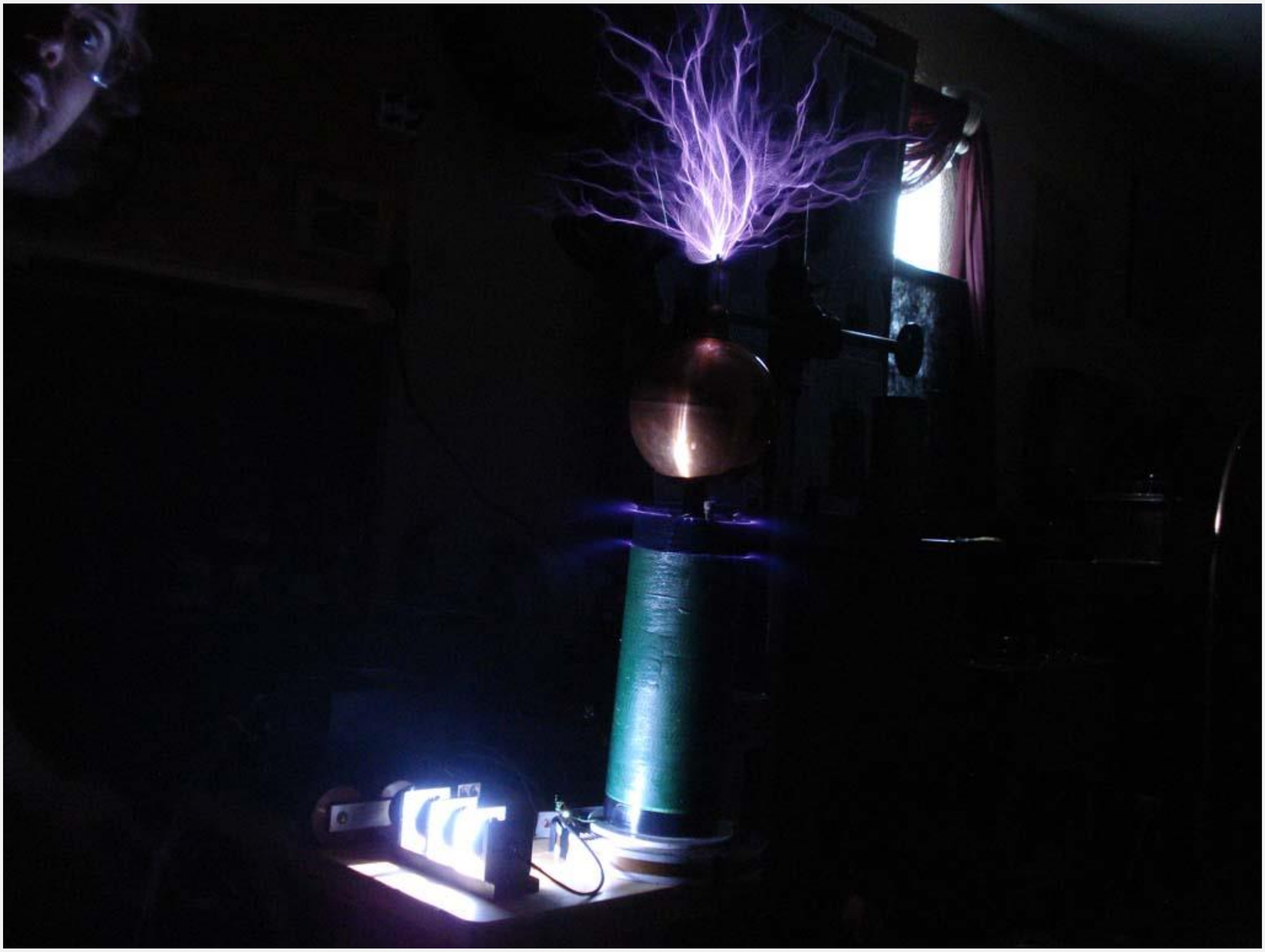


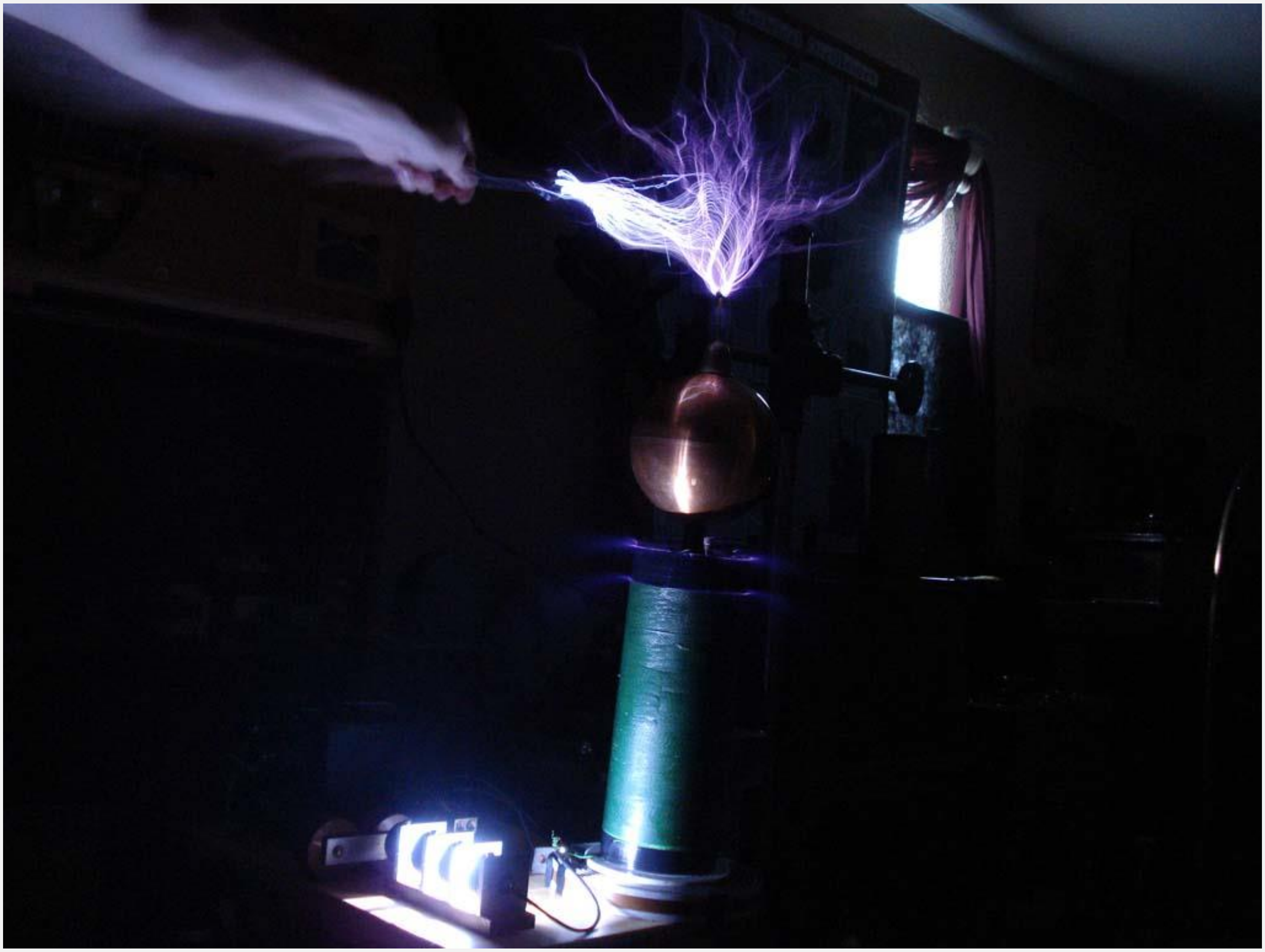


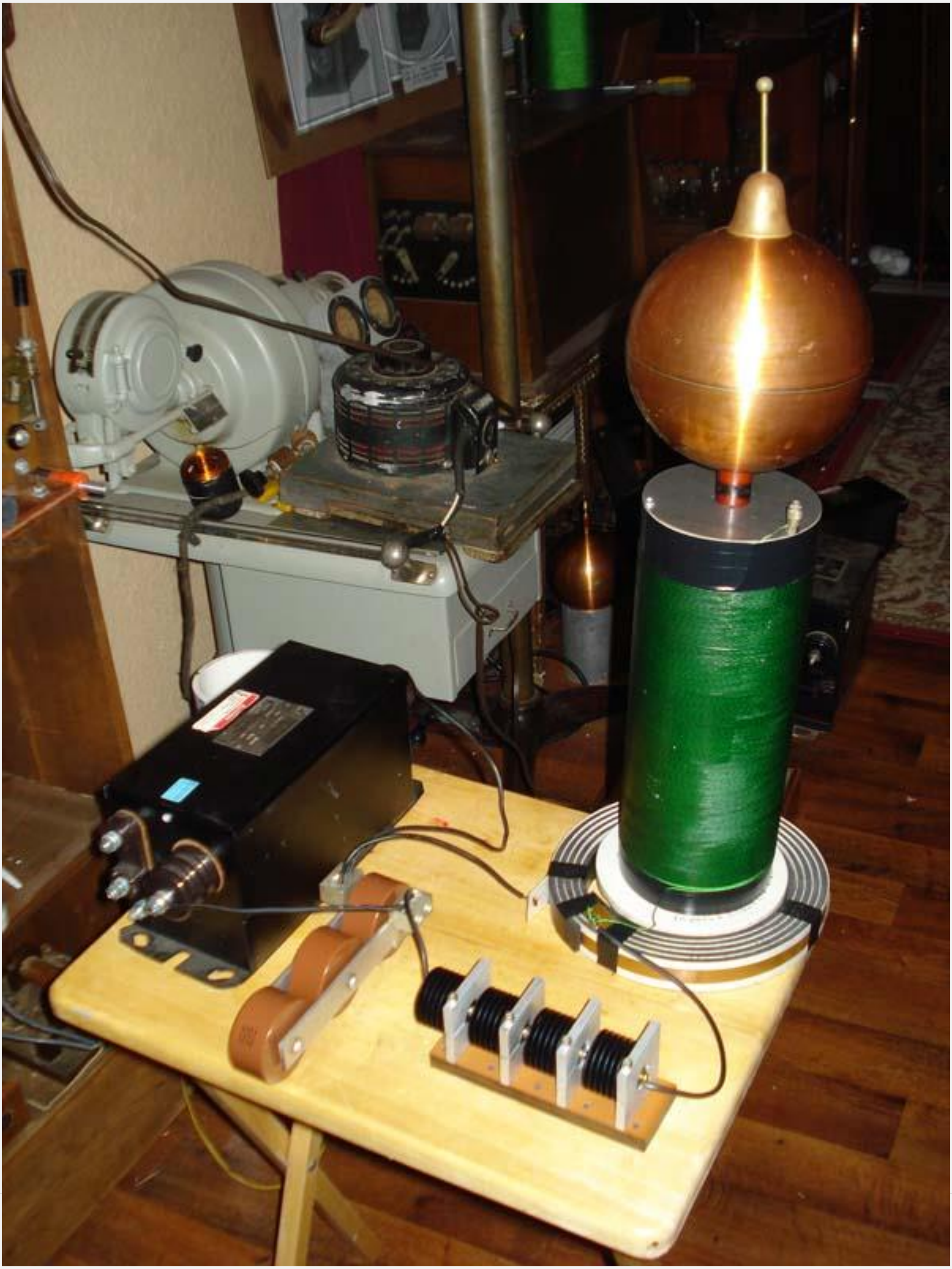


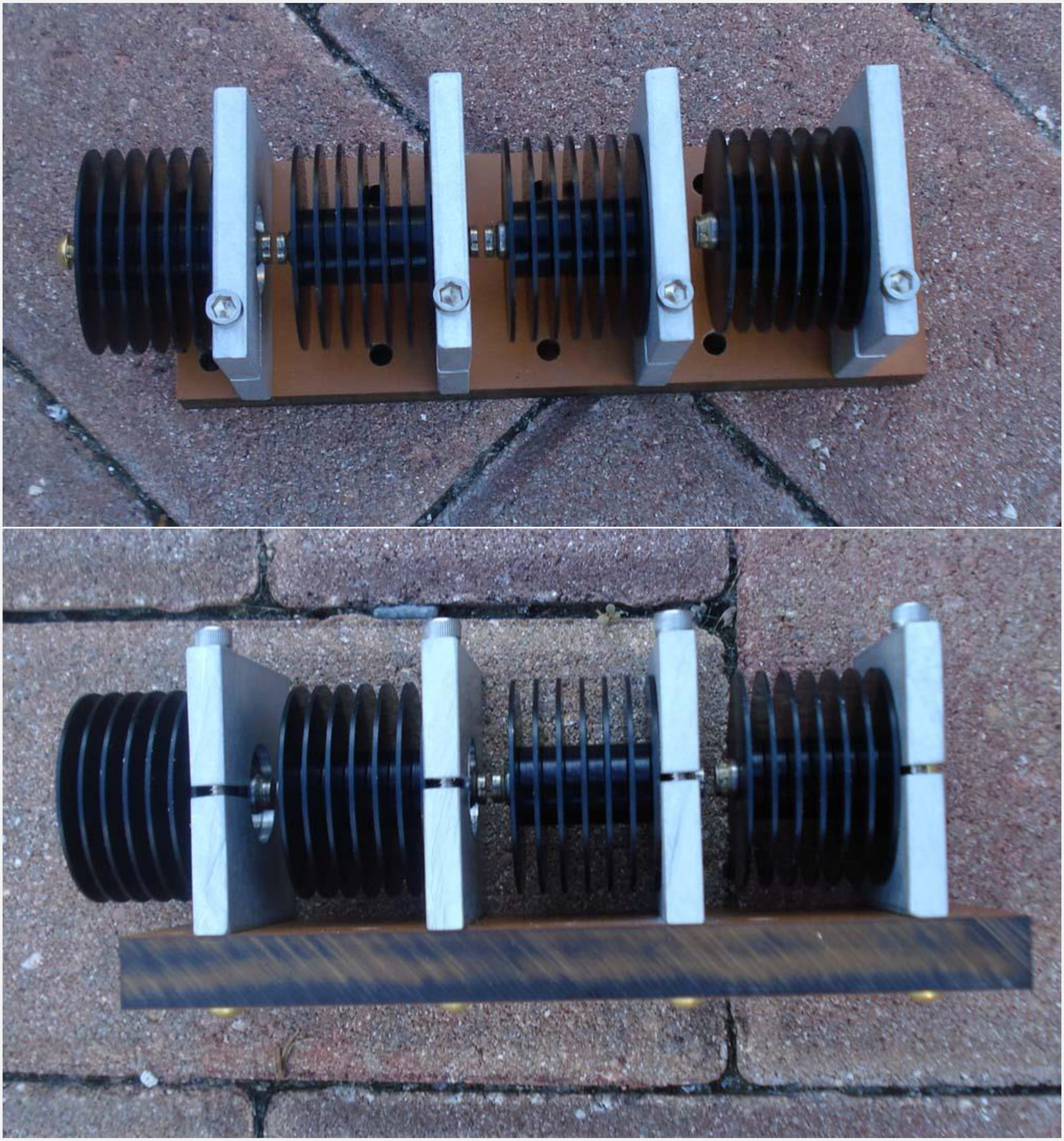


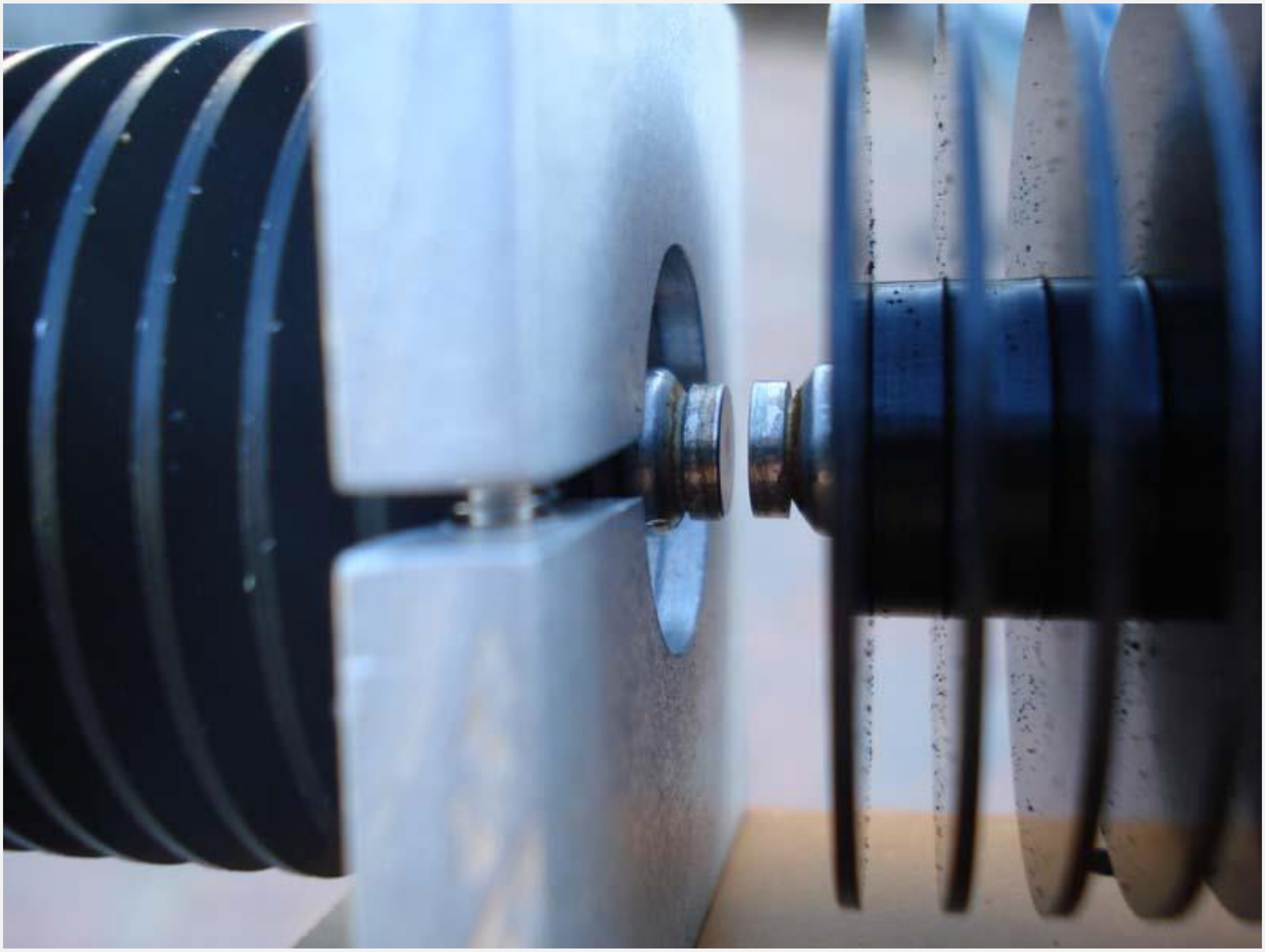

Oscillators

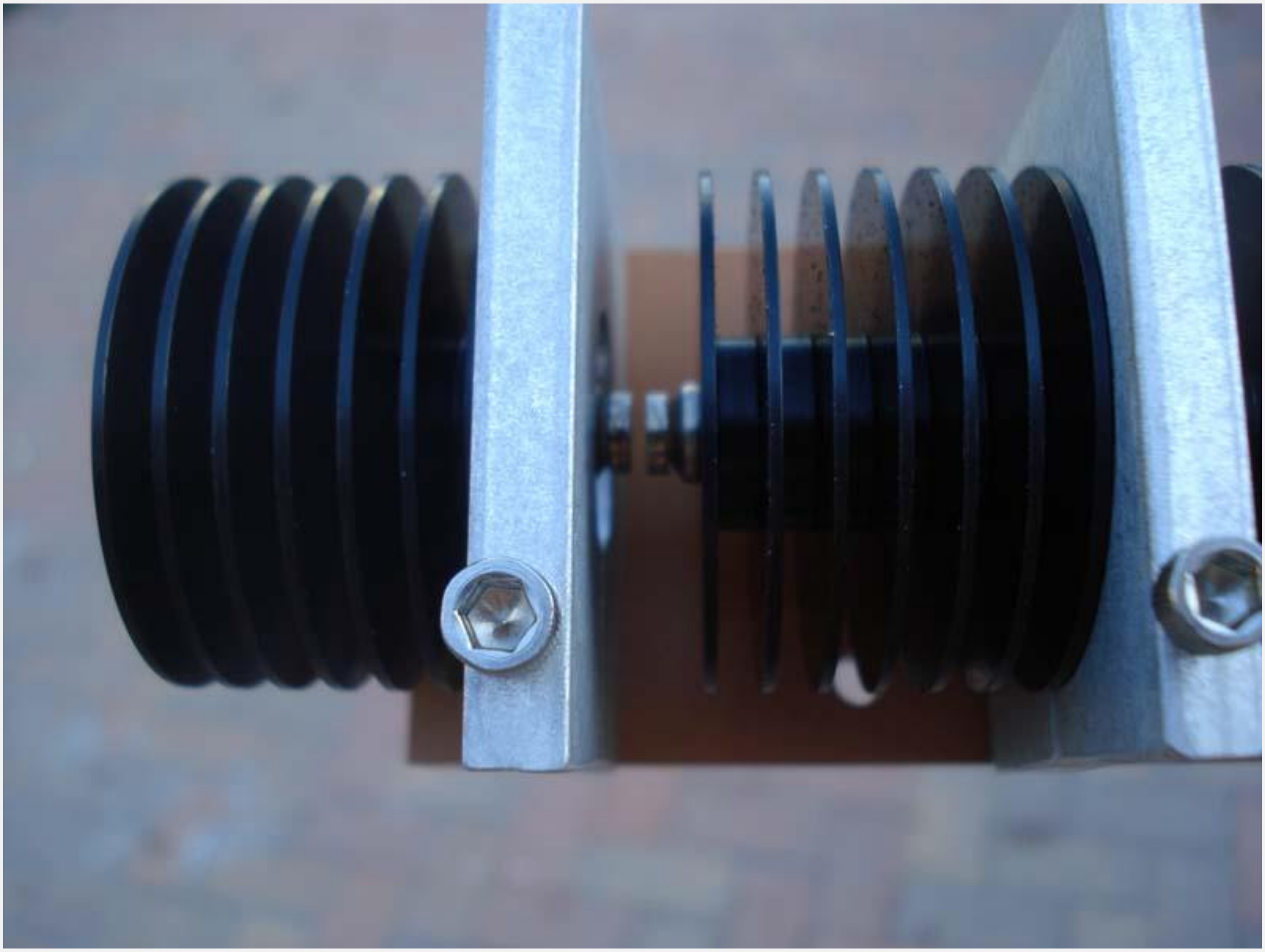


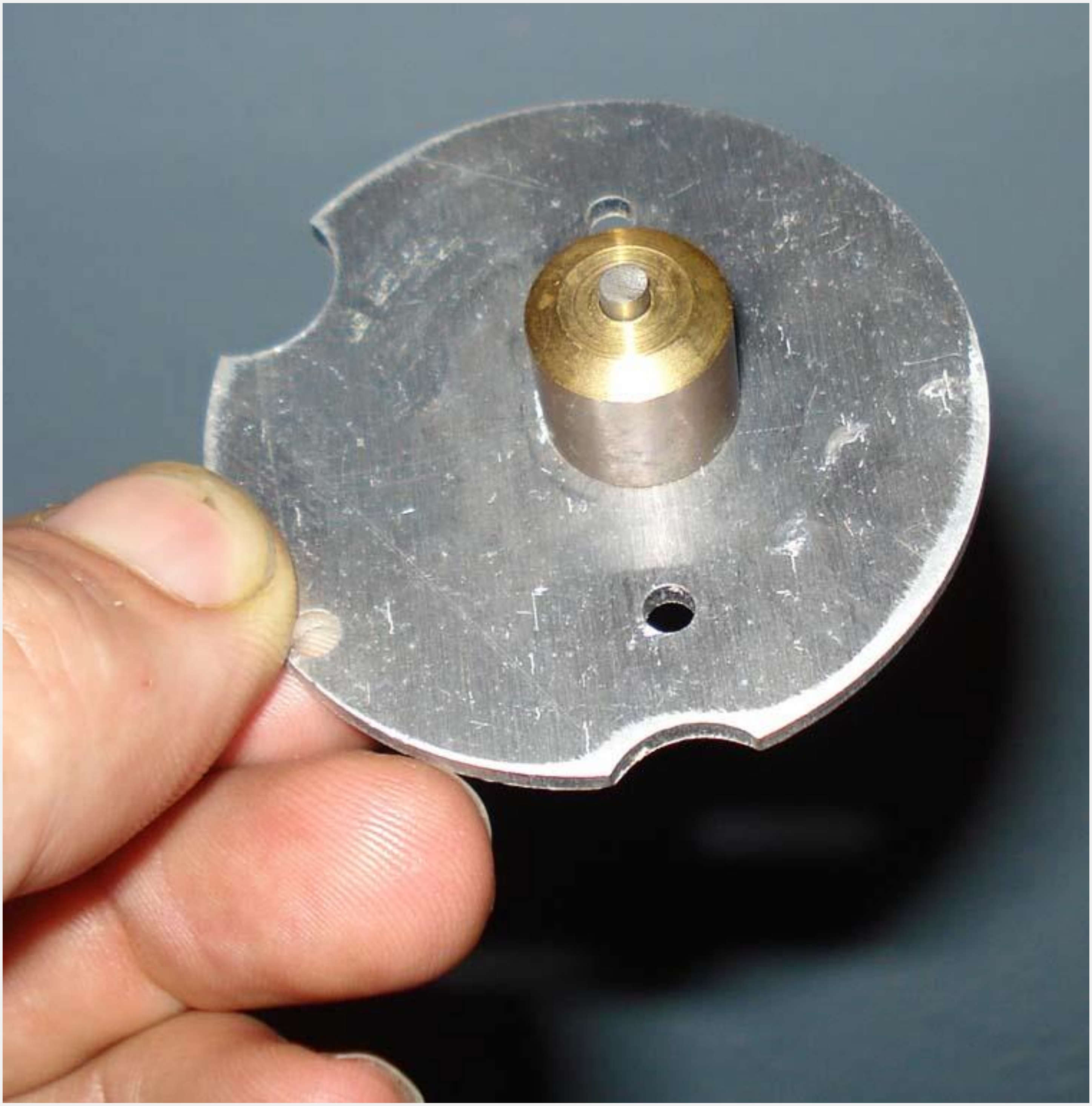


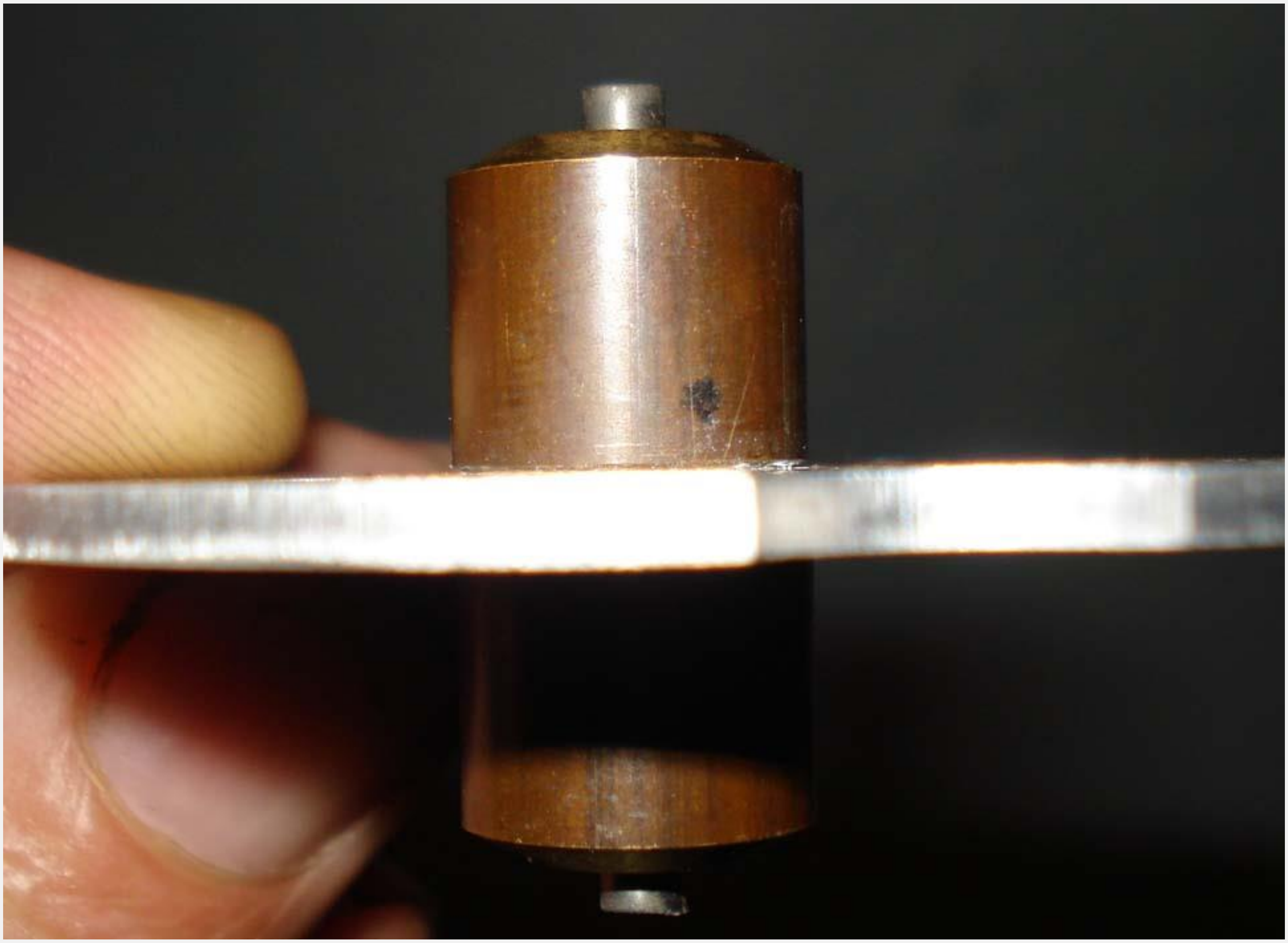


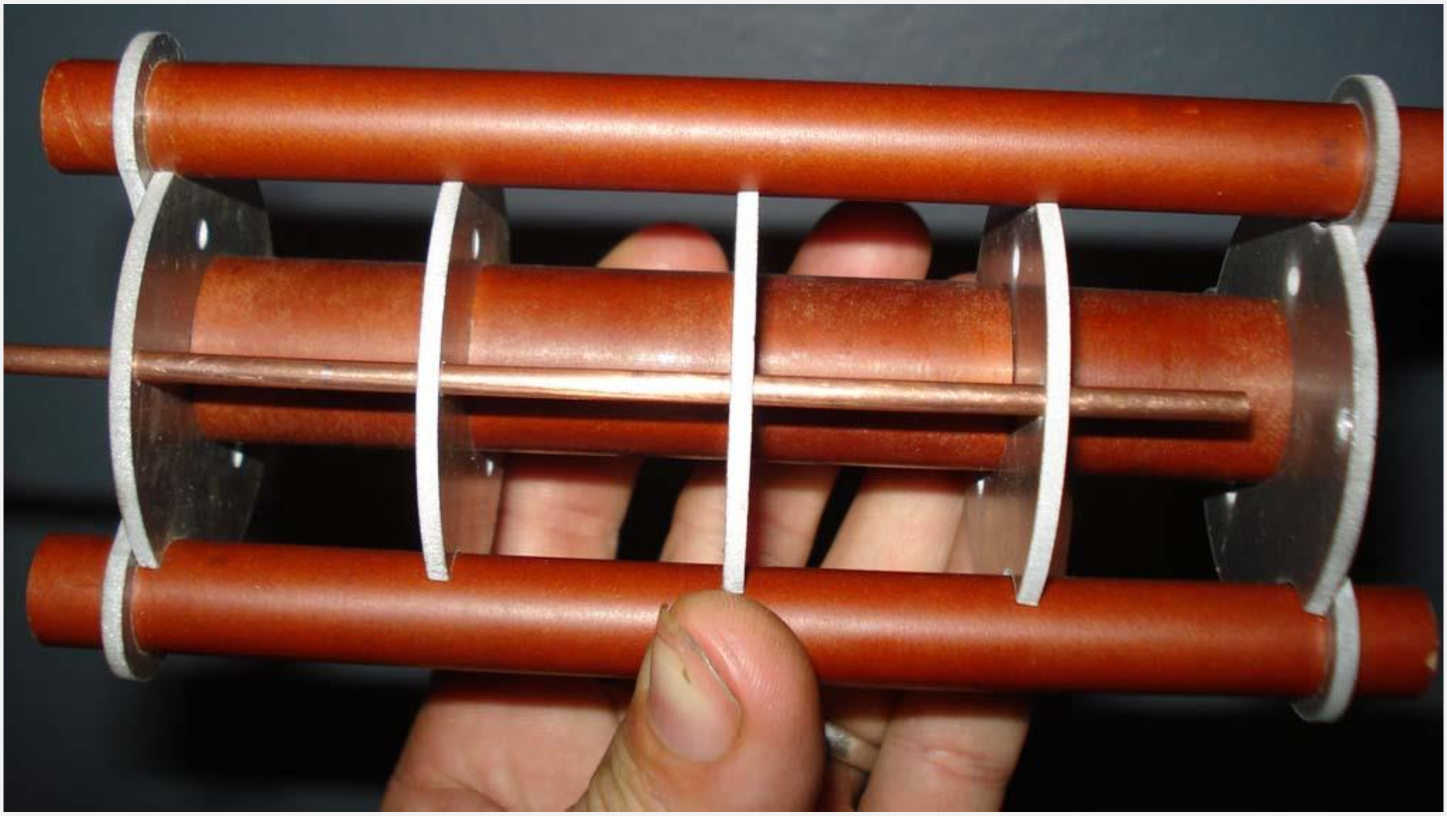


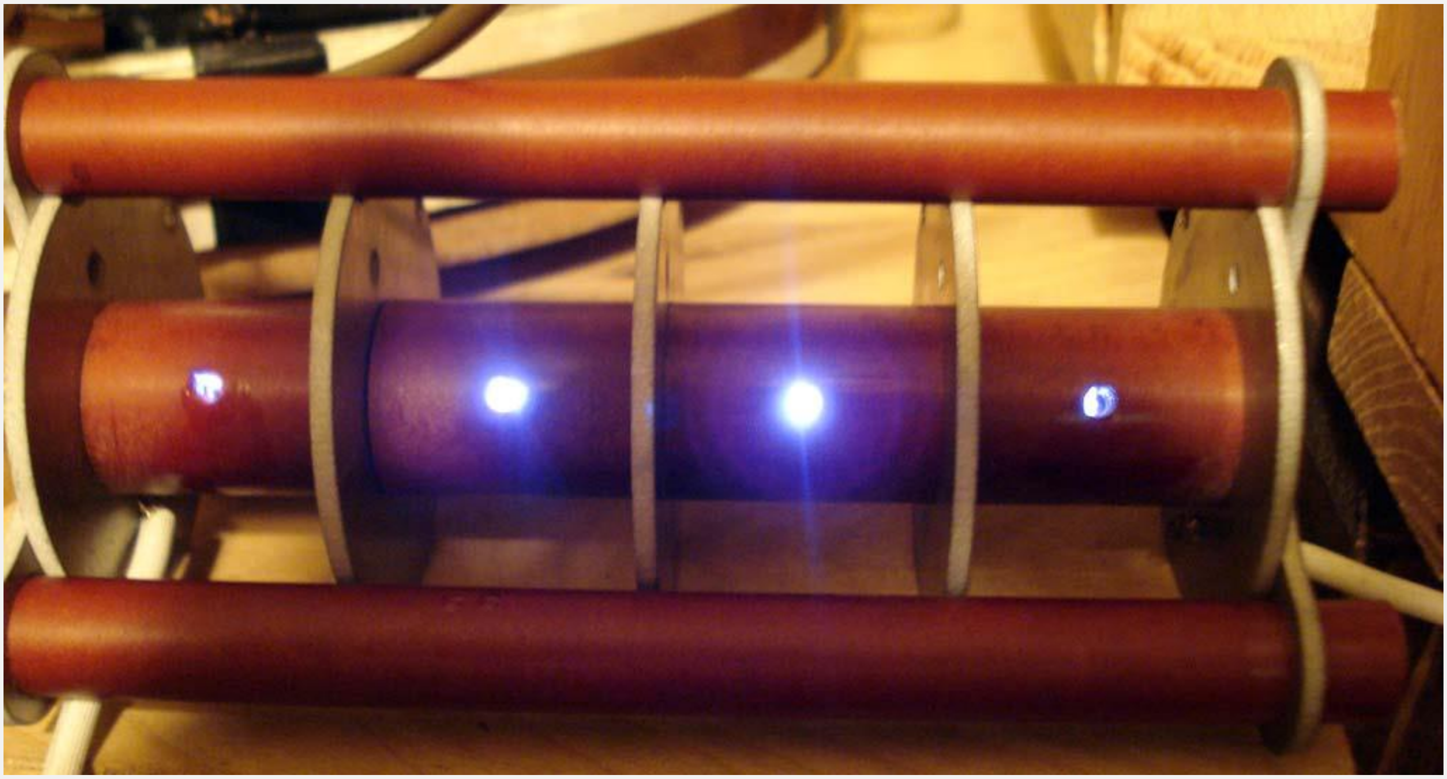


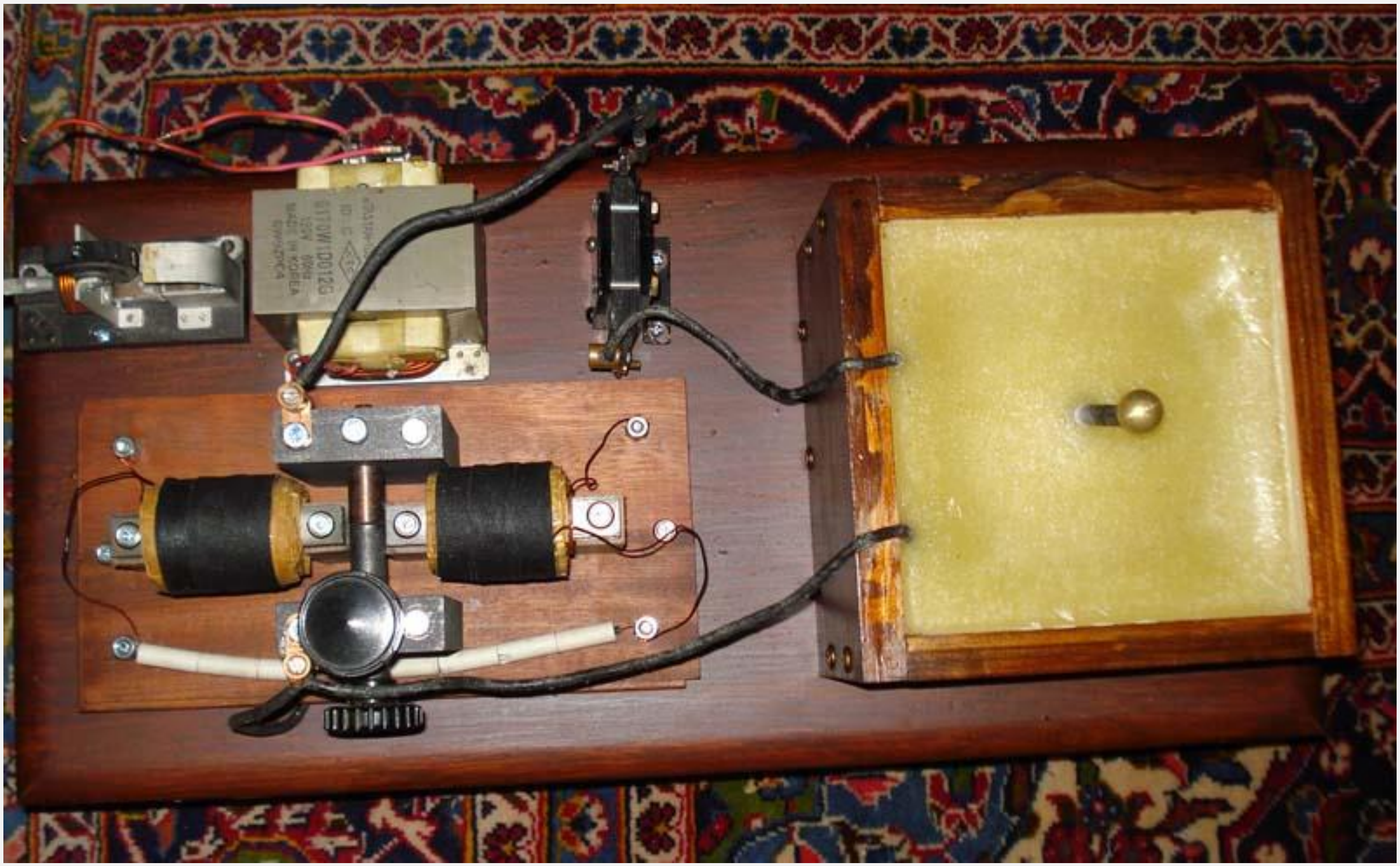


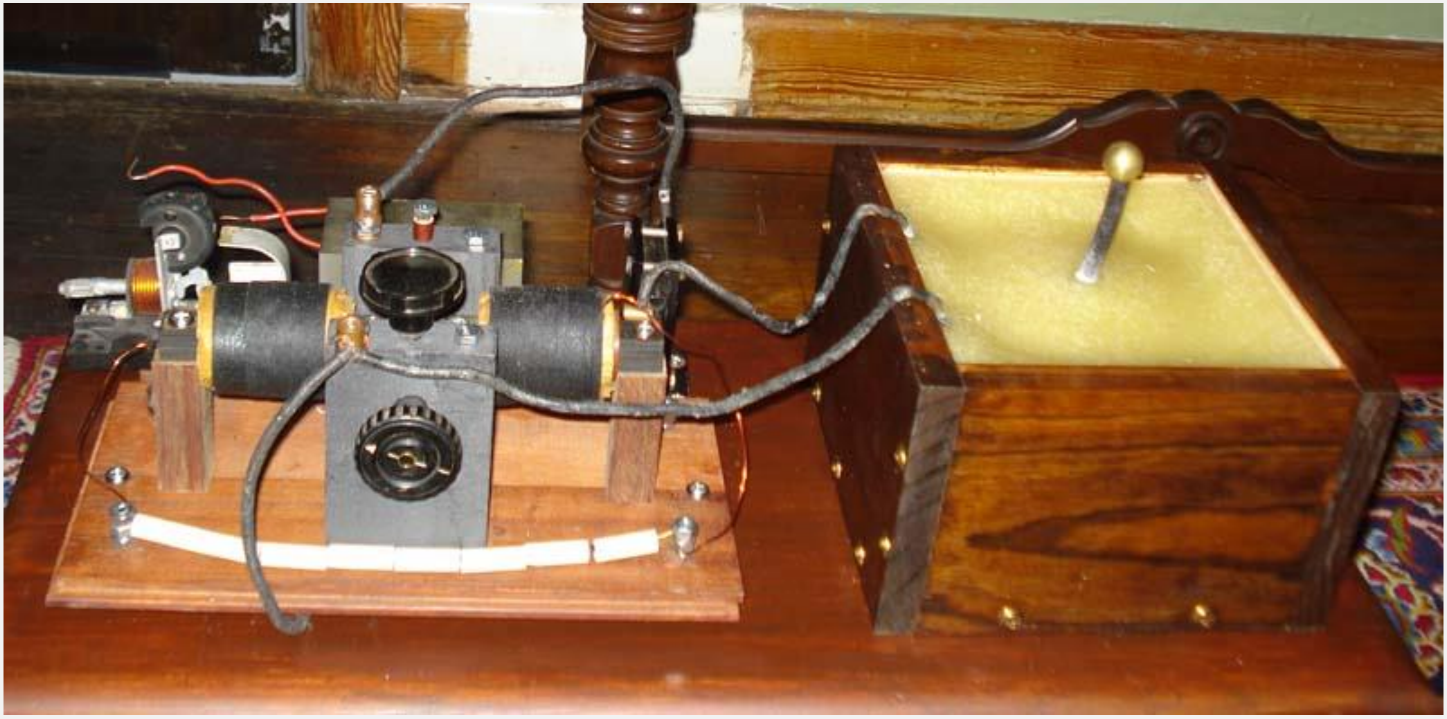


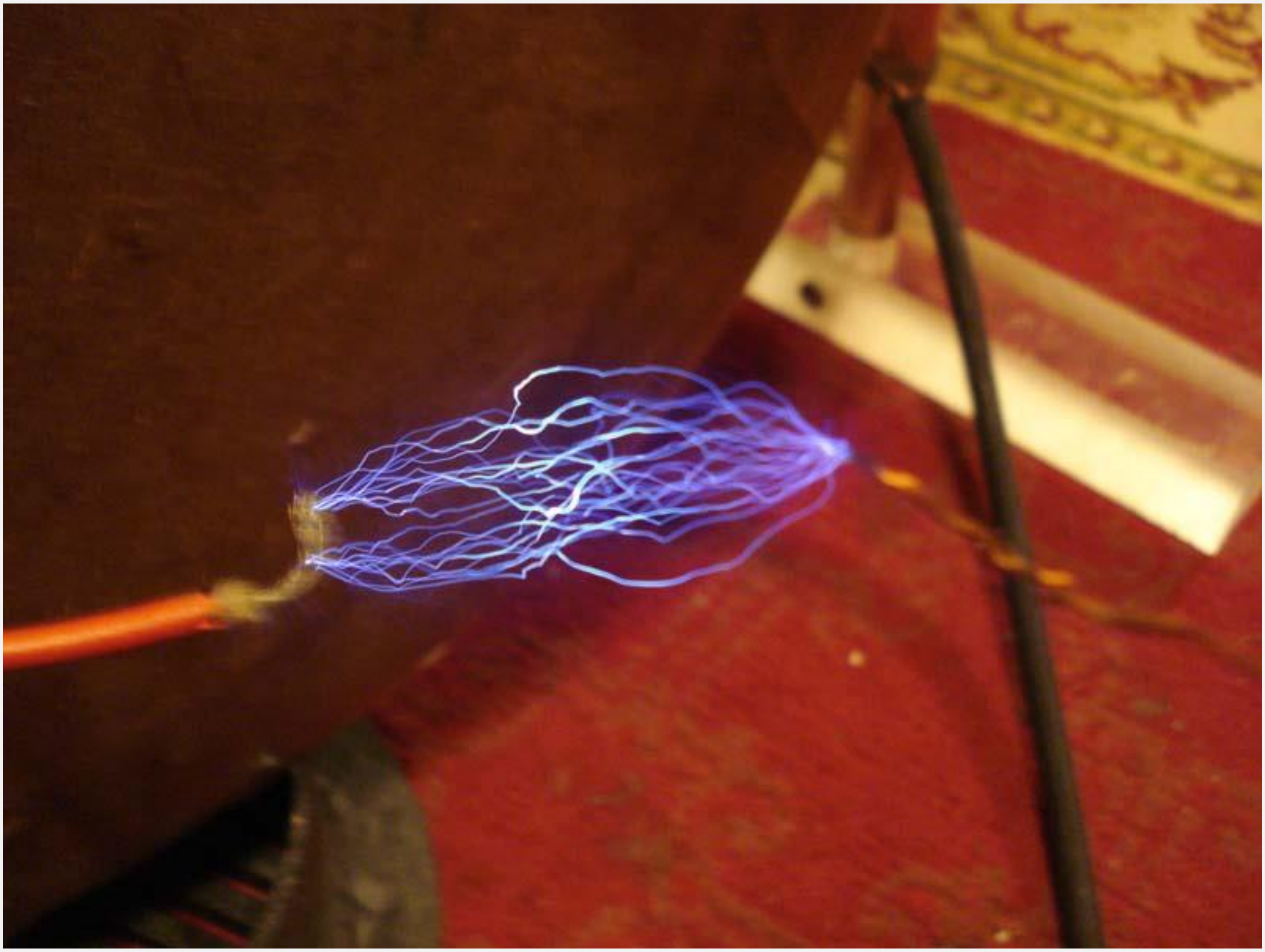


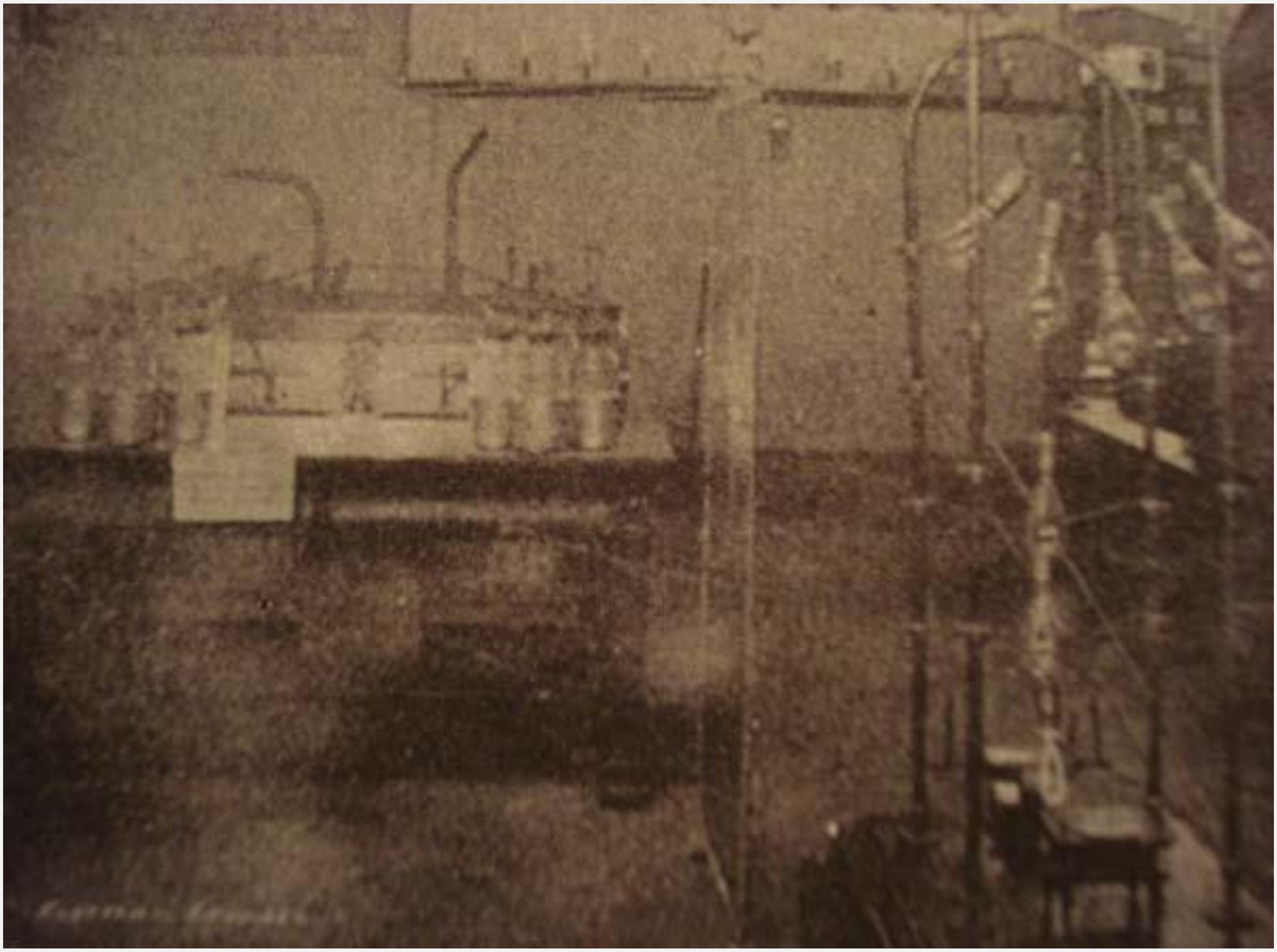


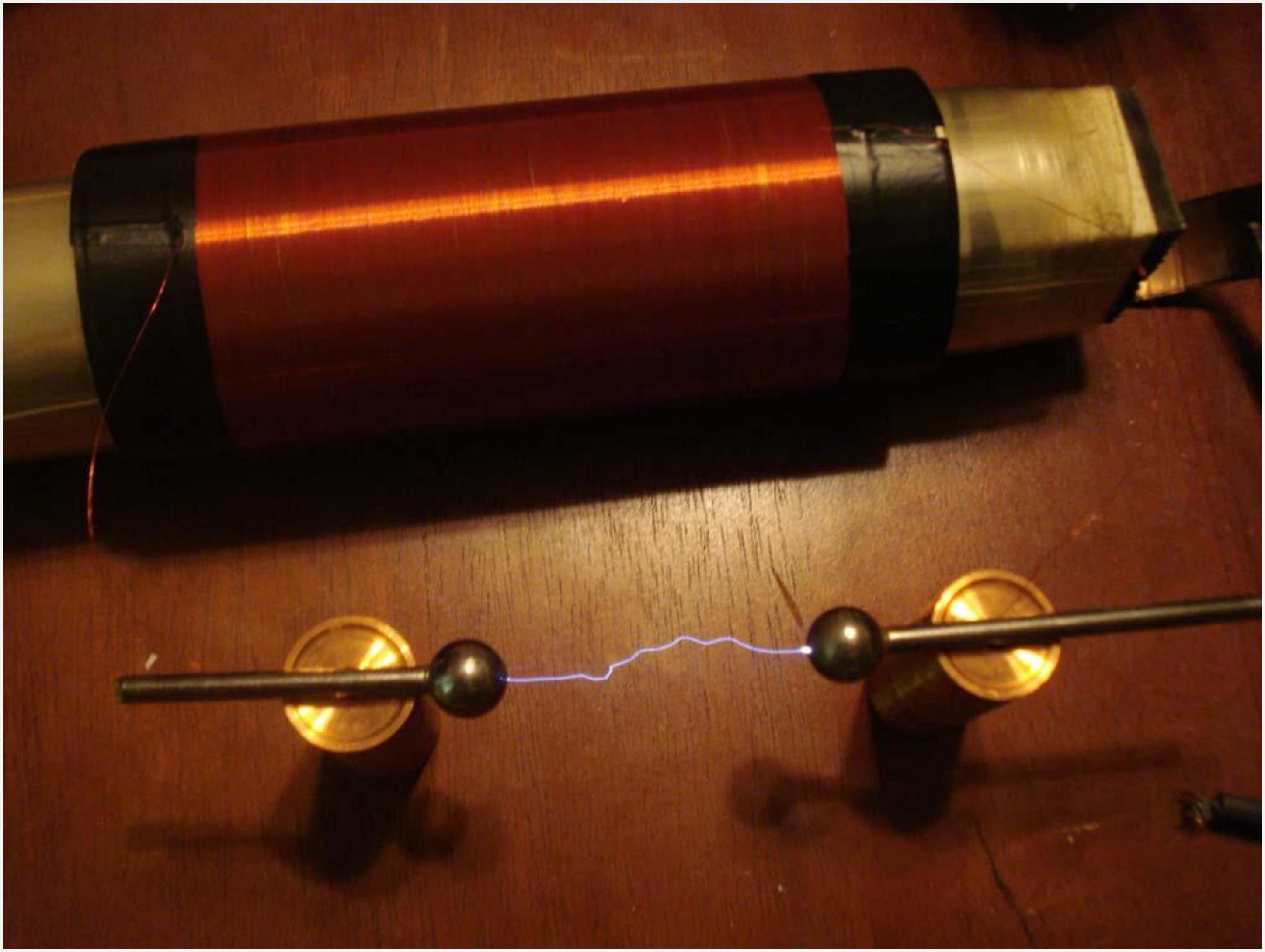


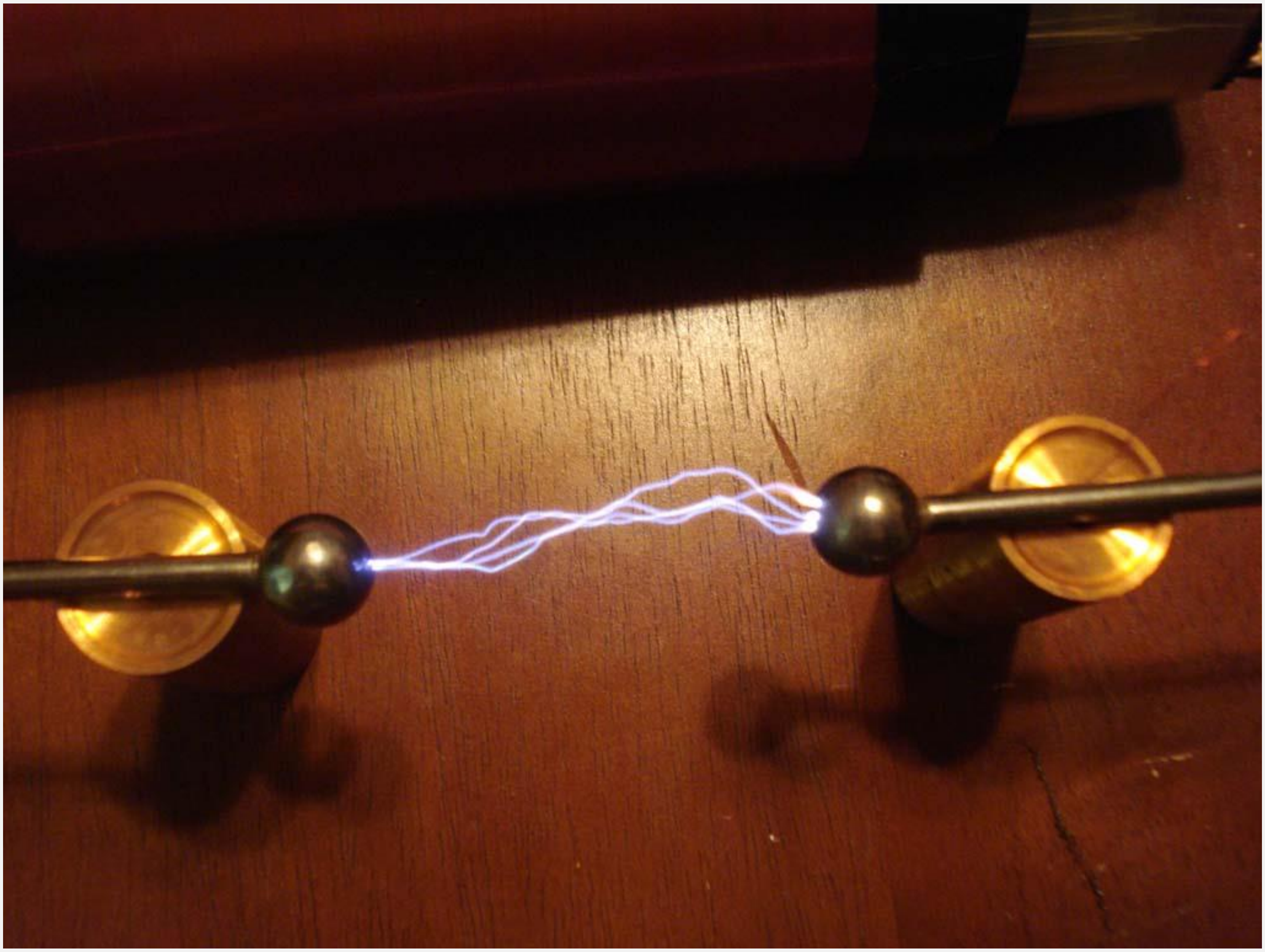


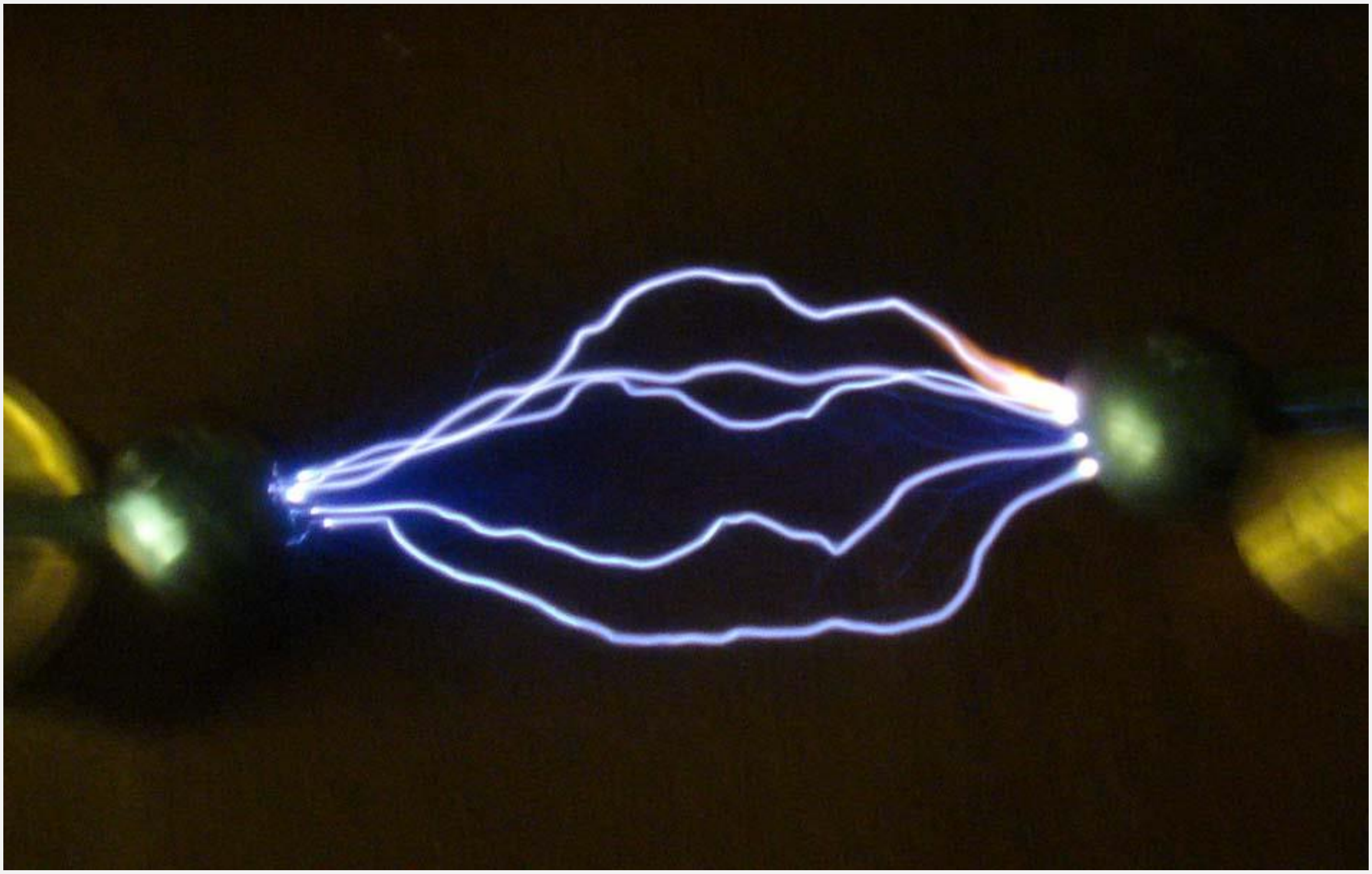


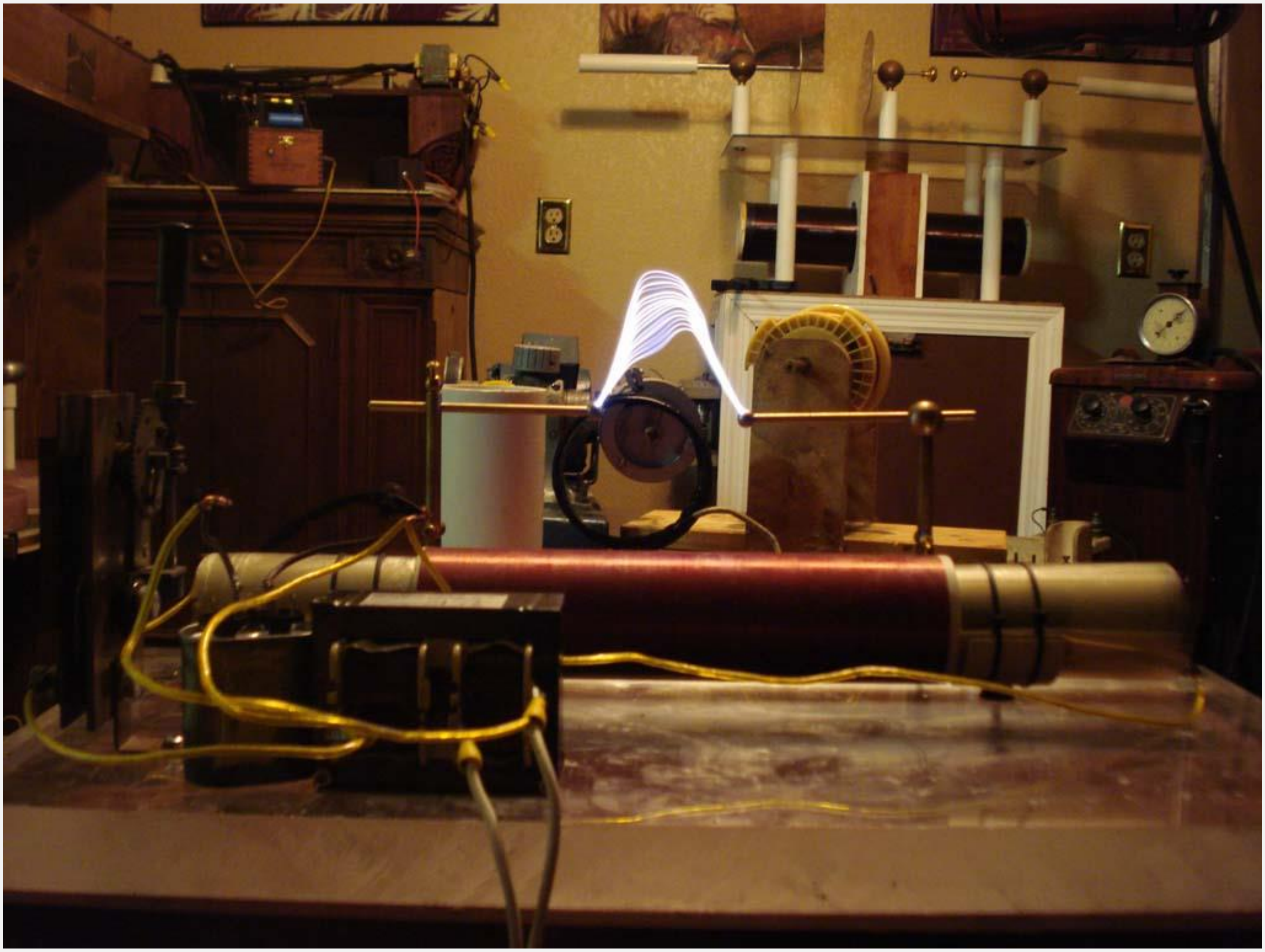


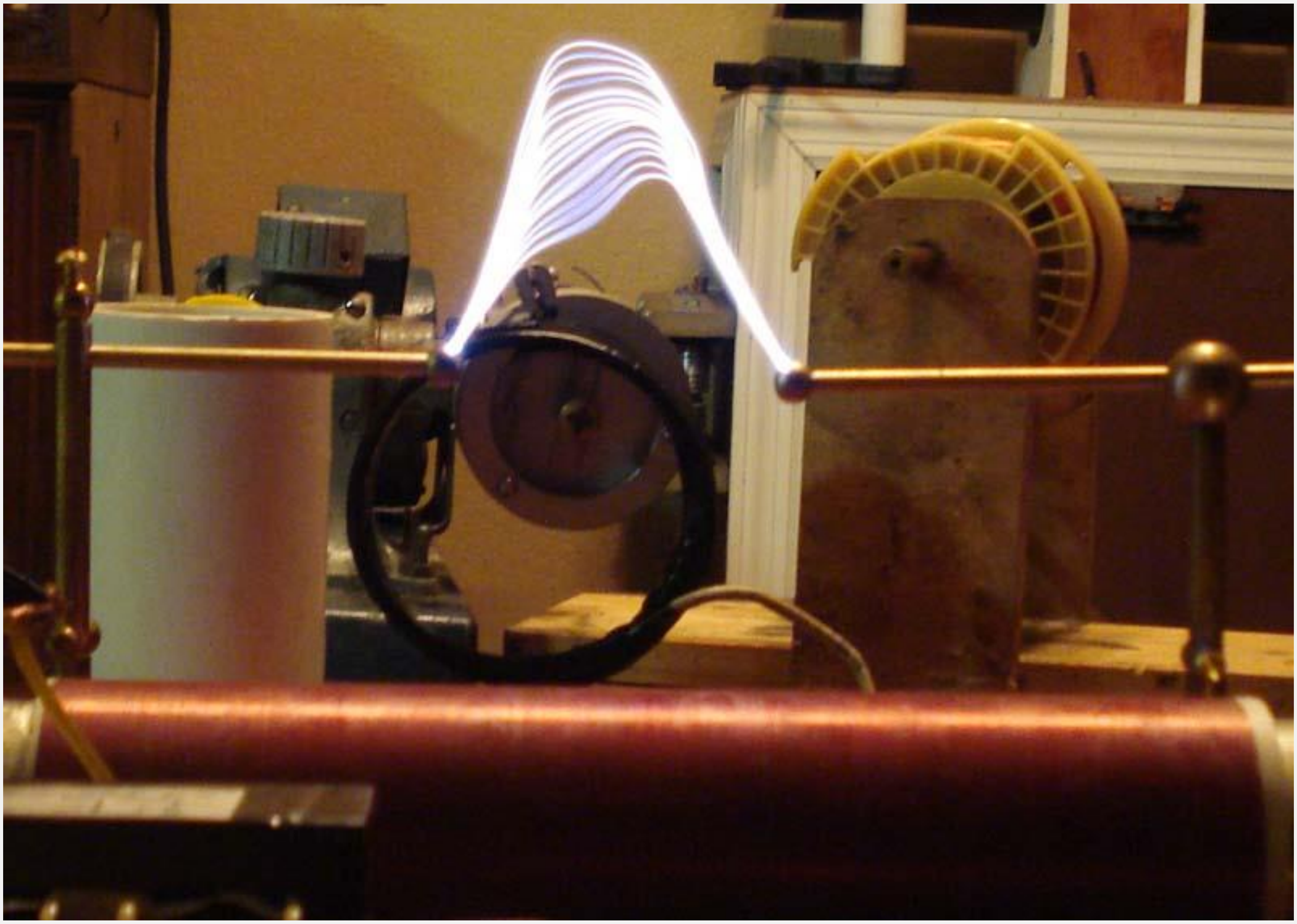


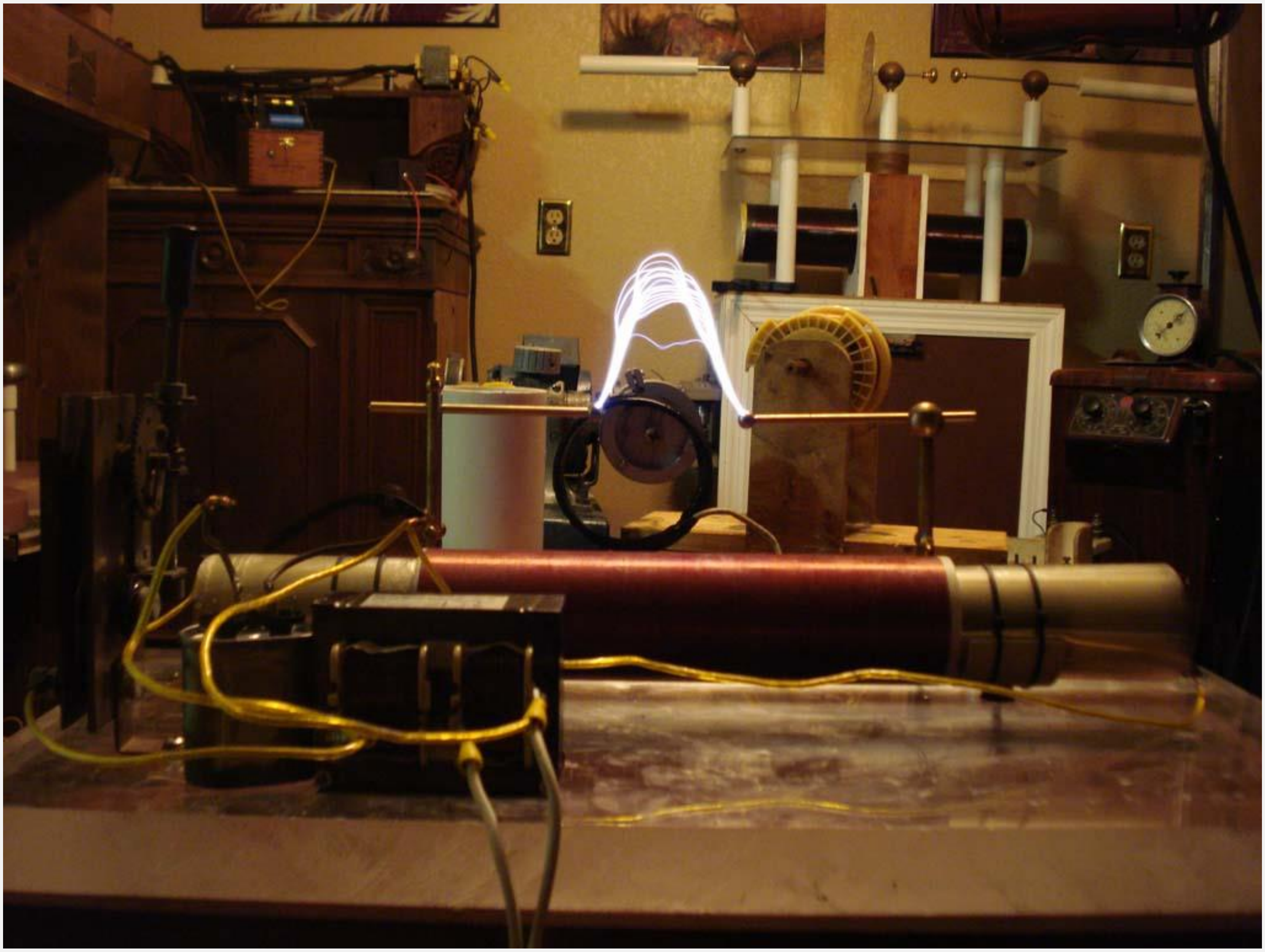


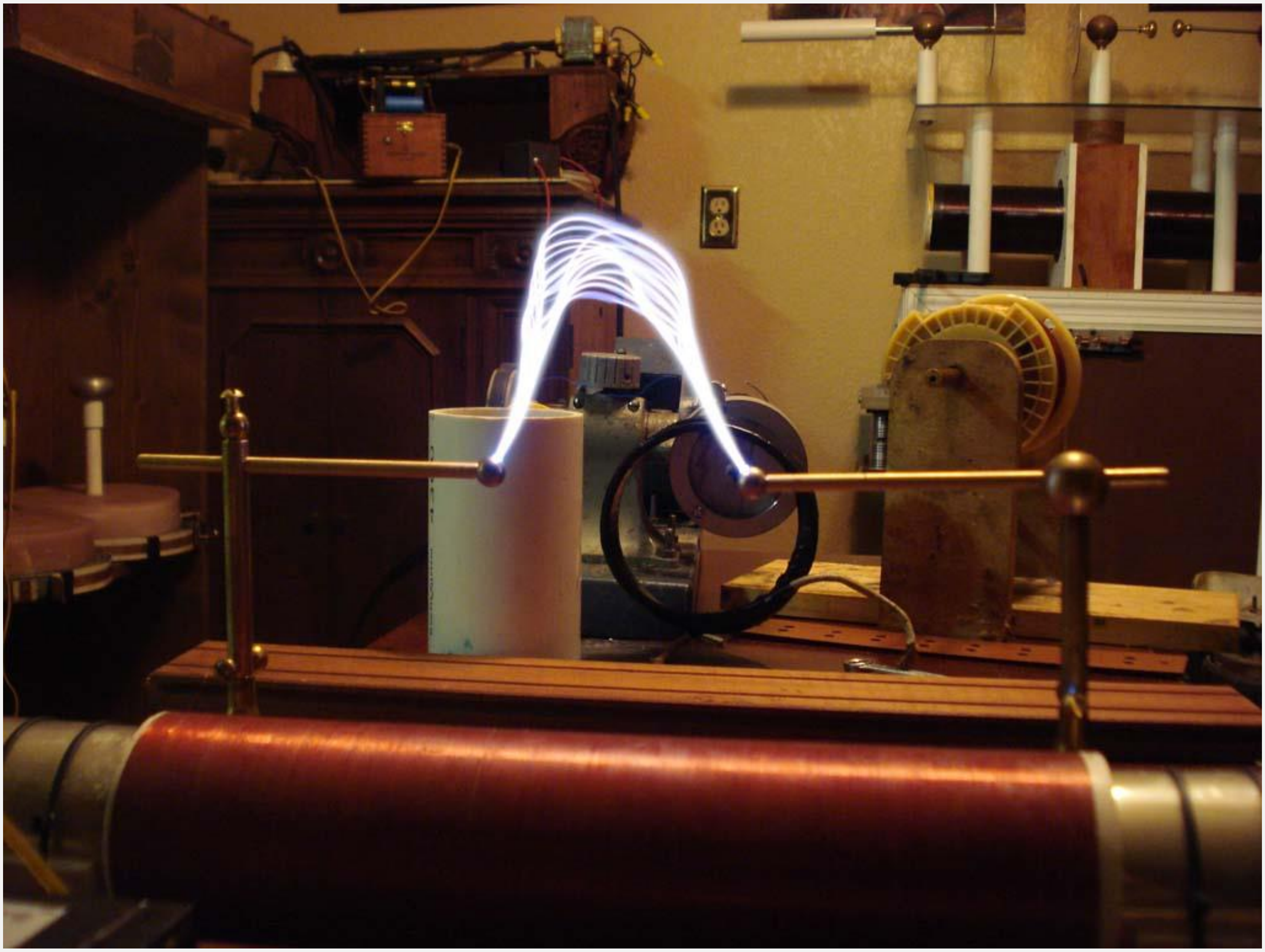


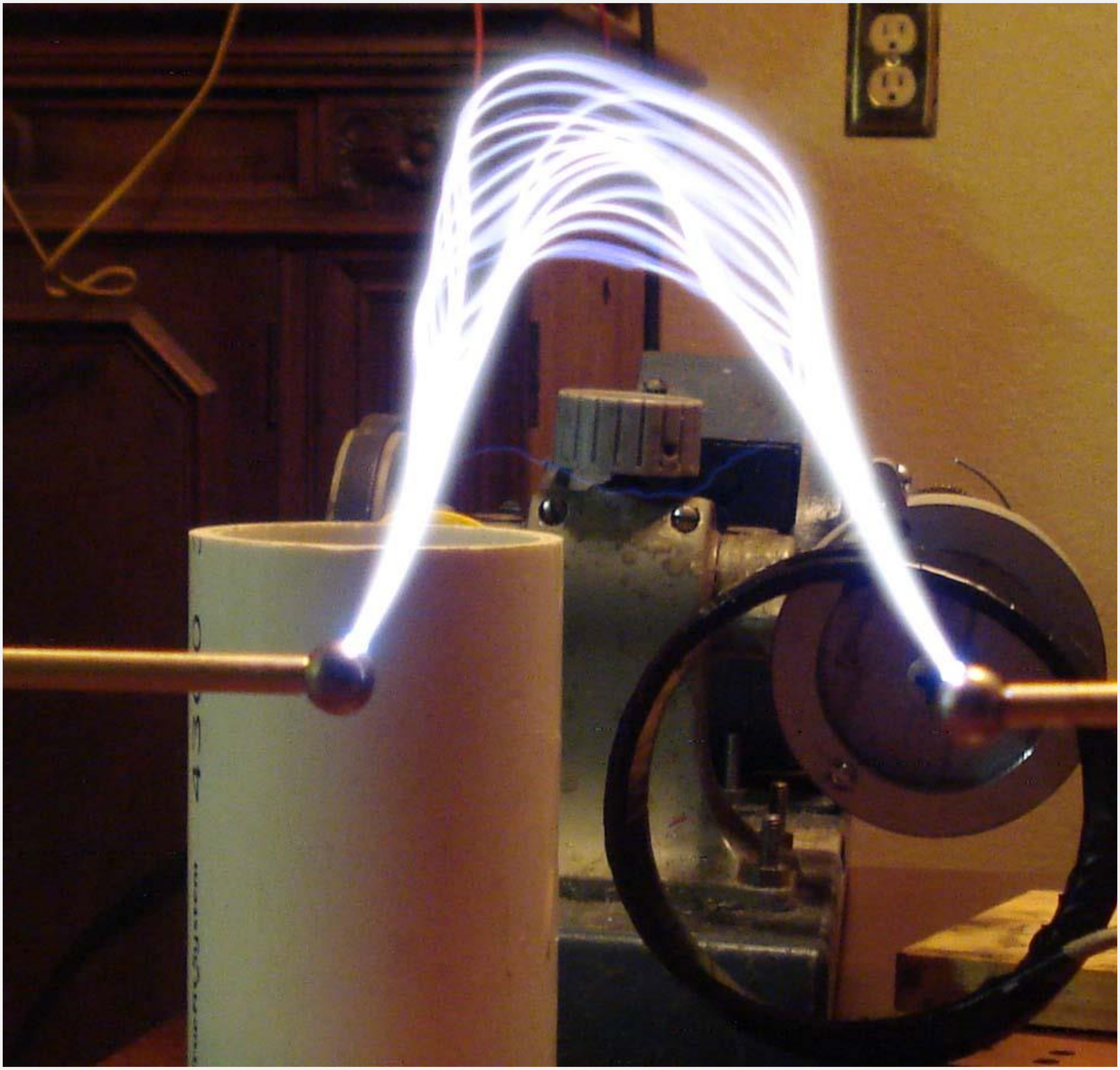


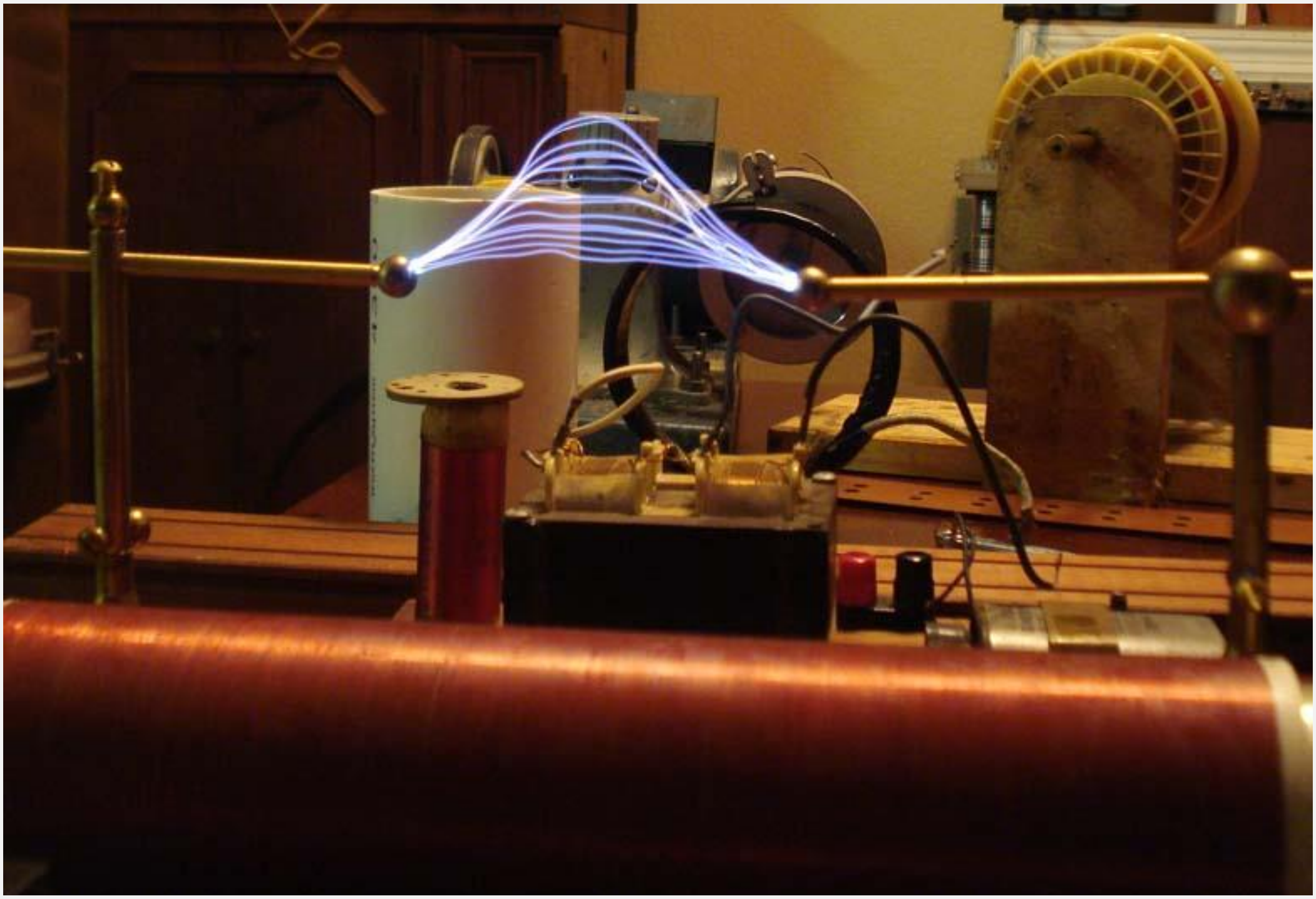


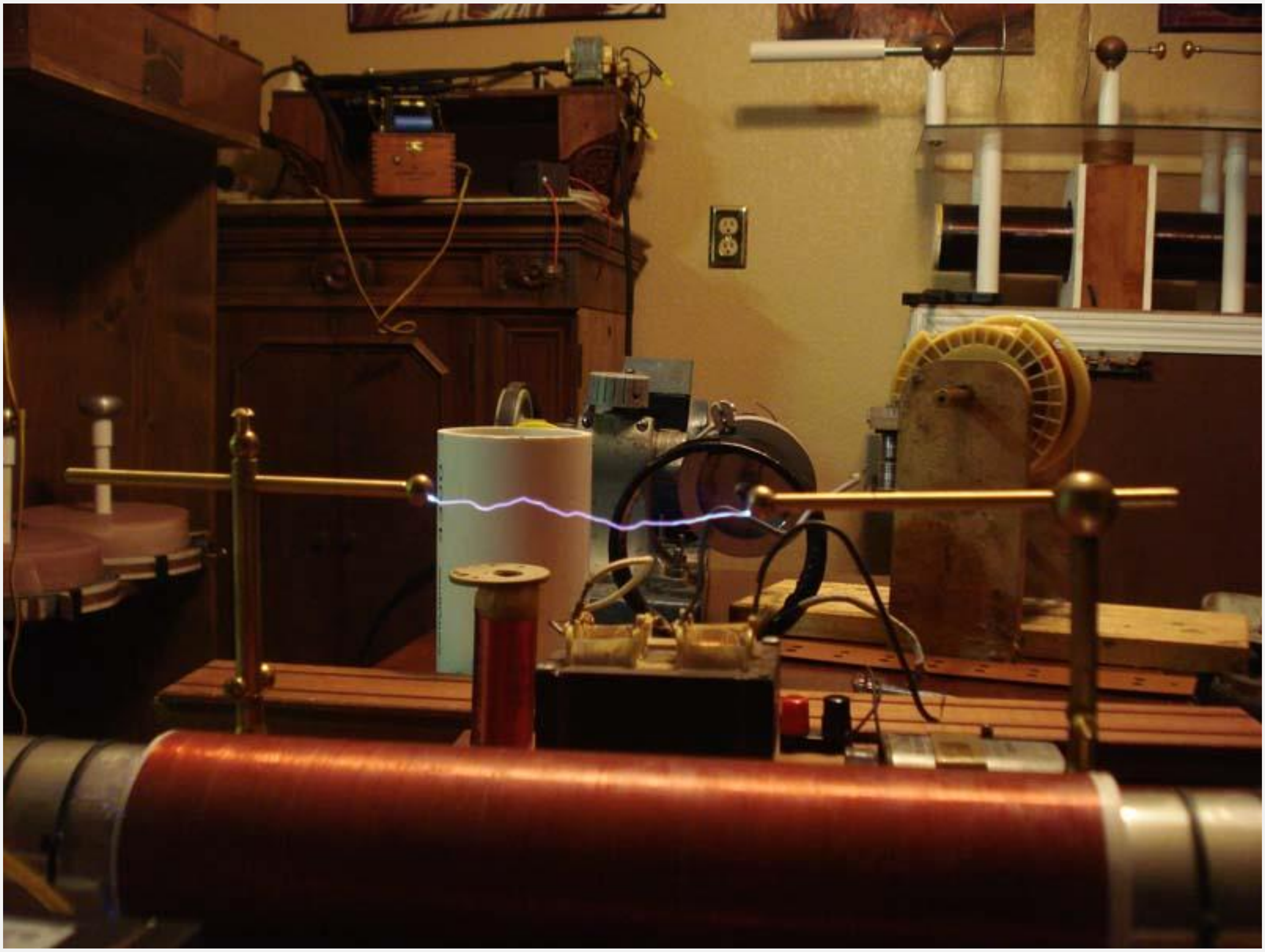


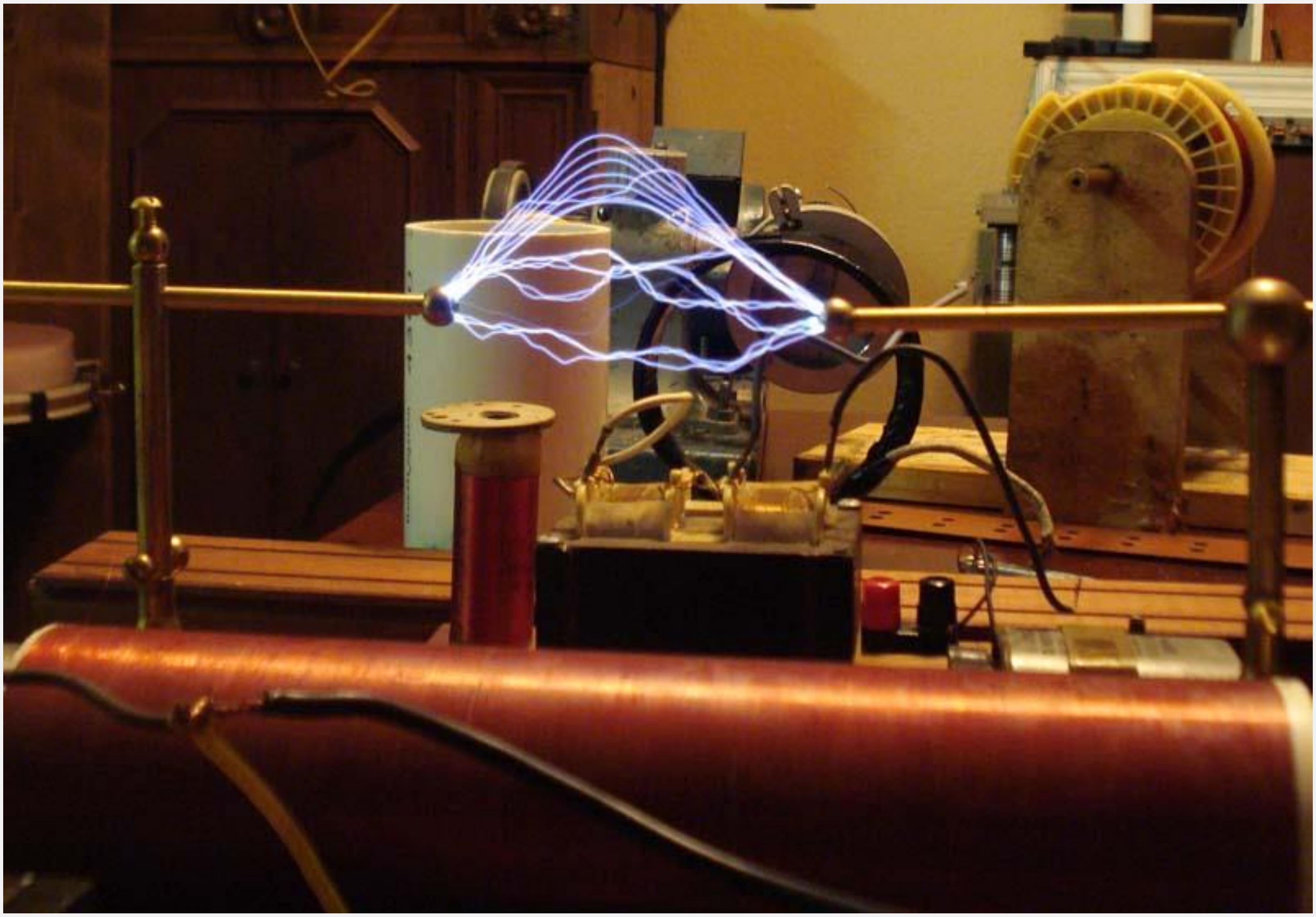


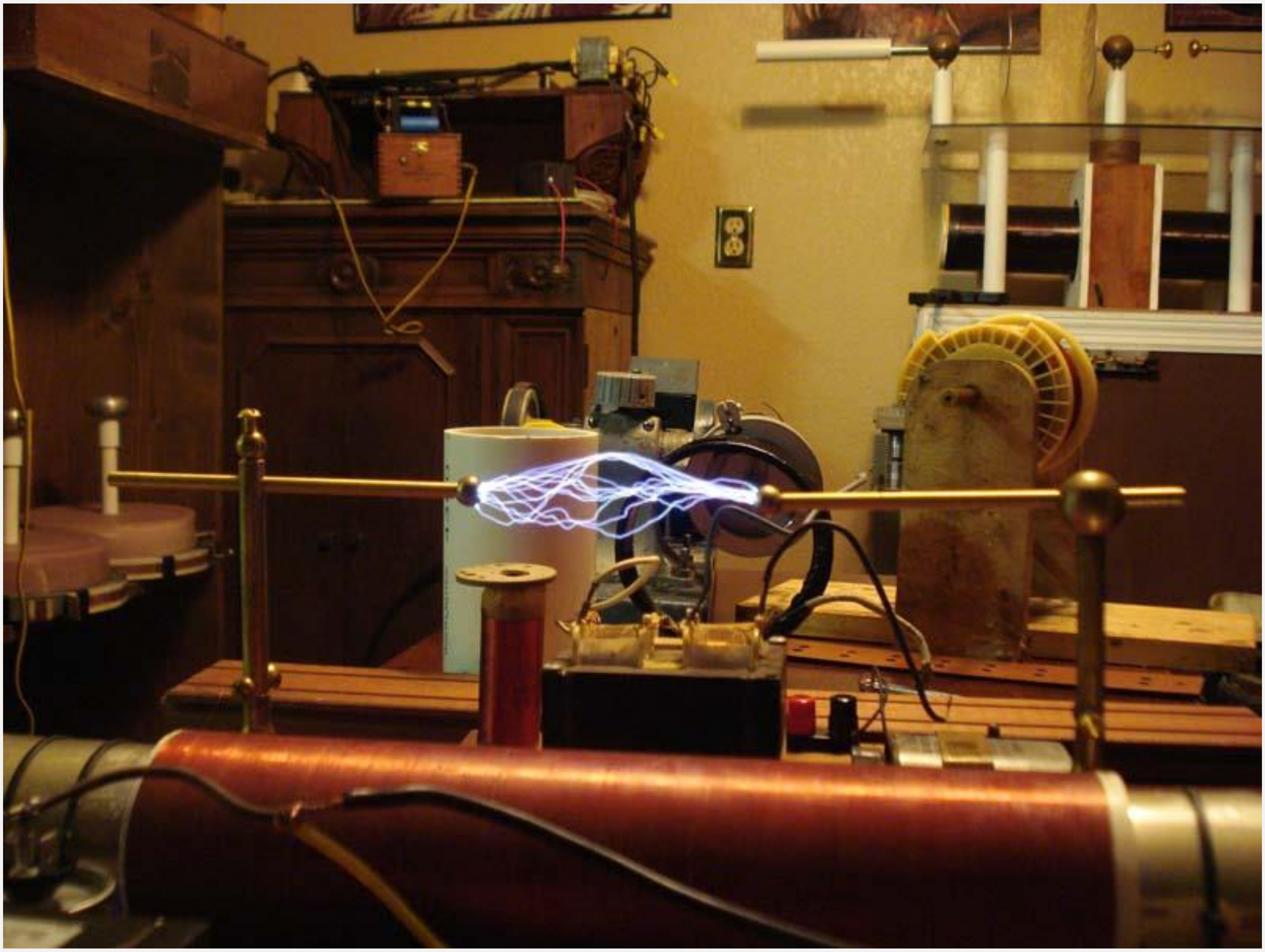


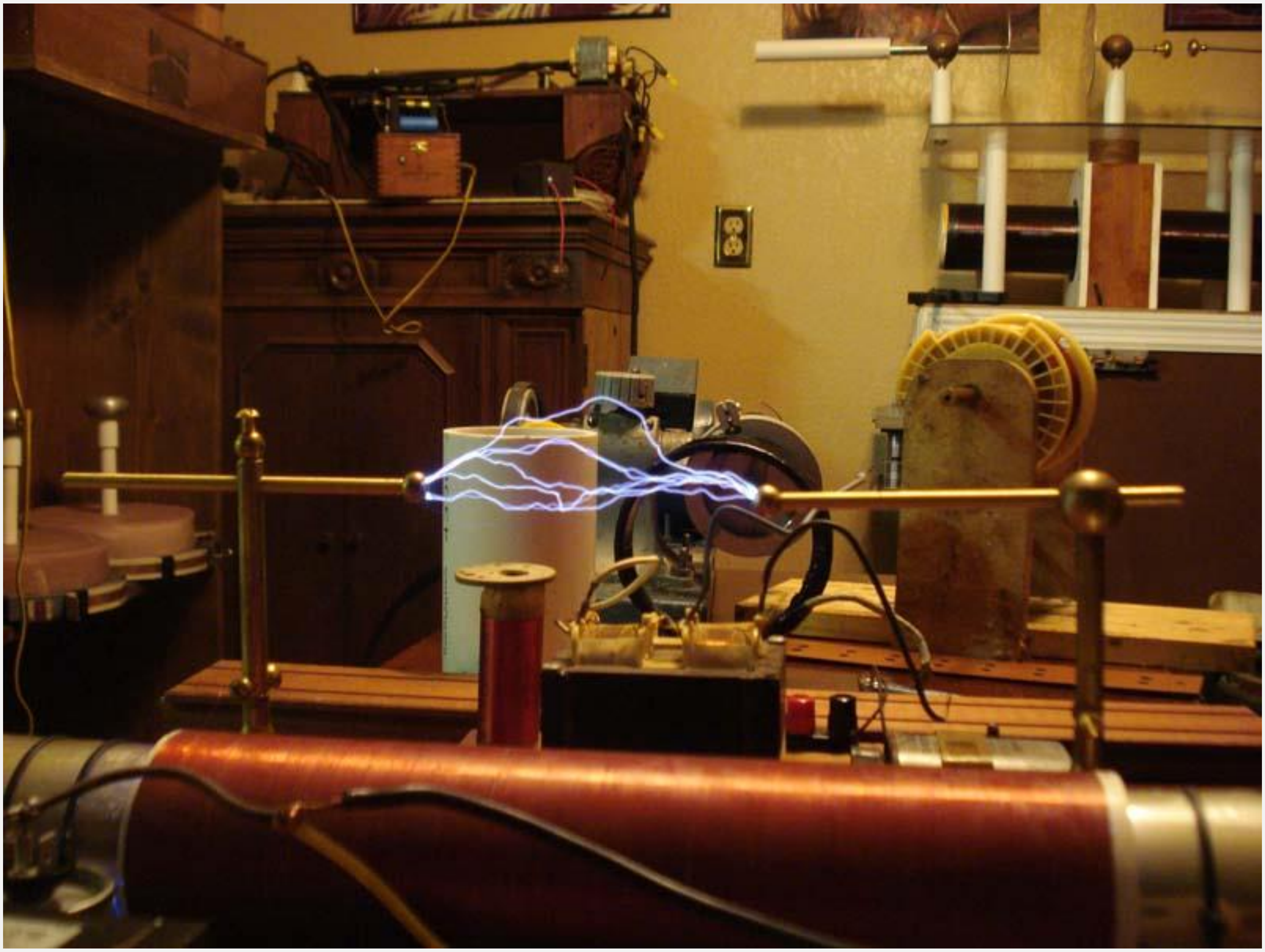


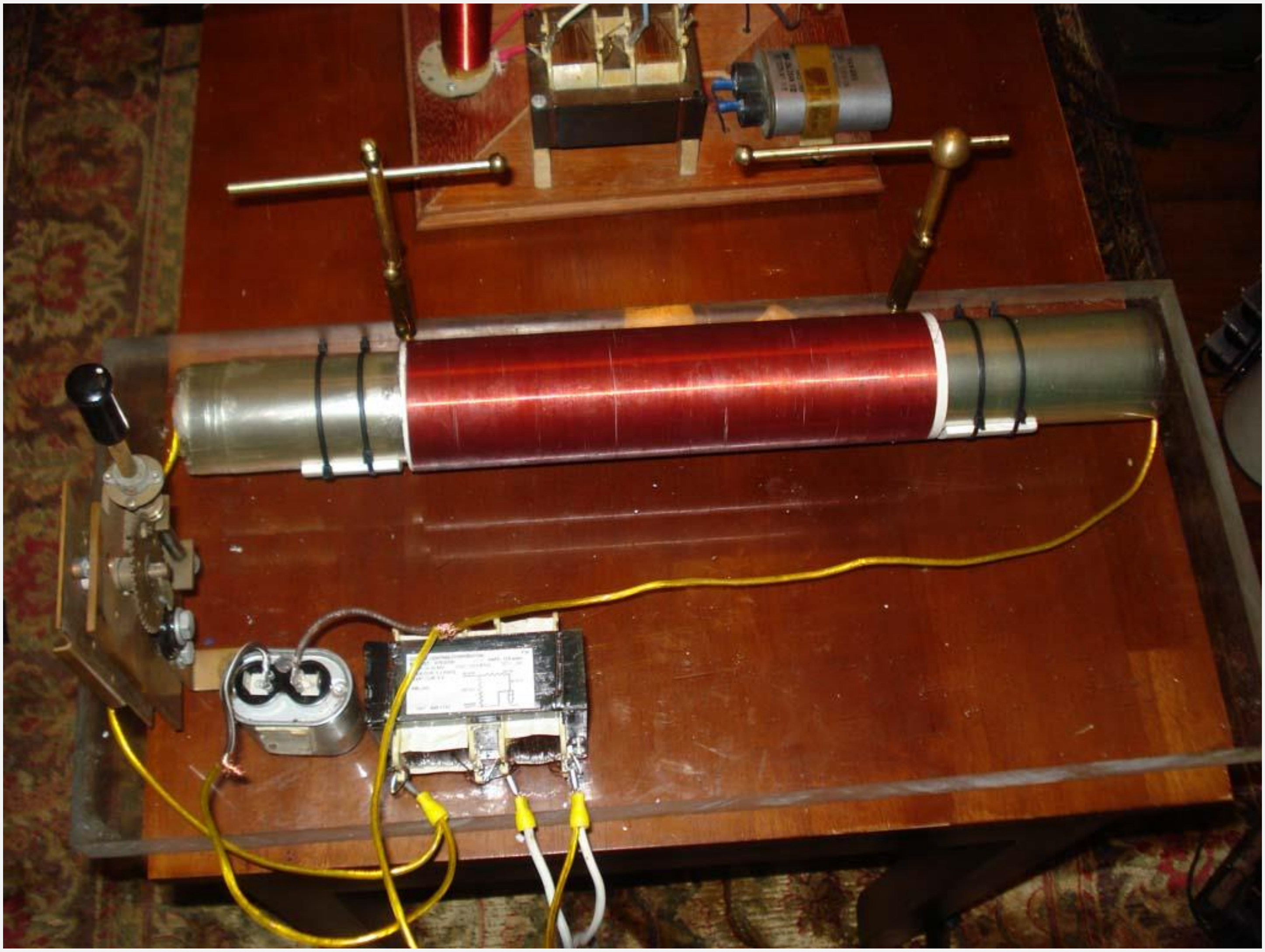


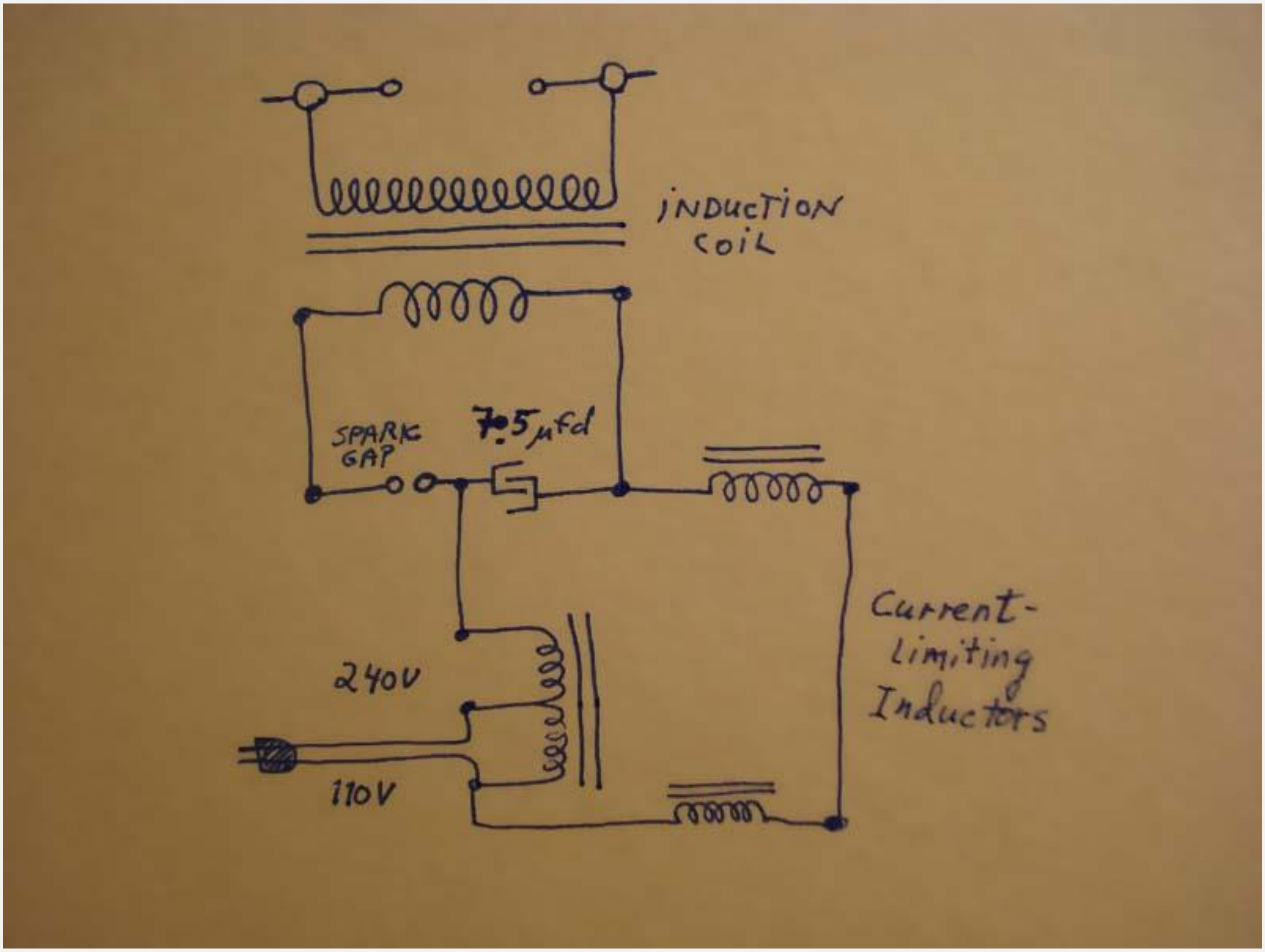








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SPARK
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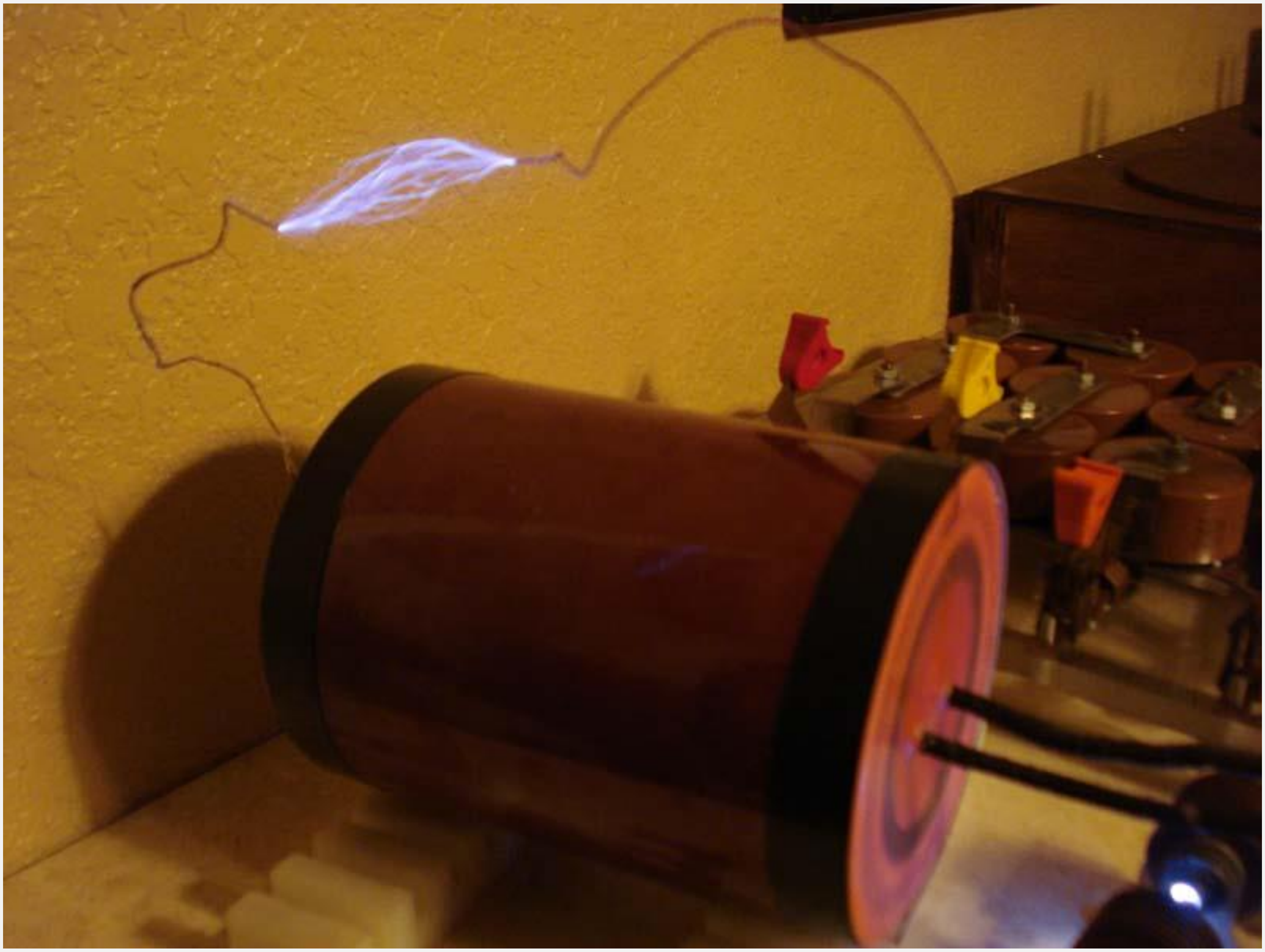

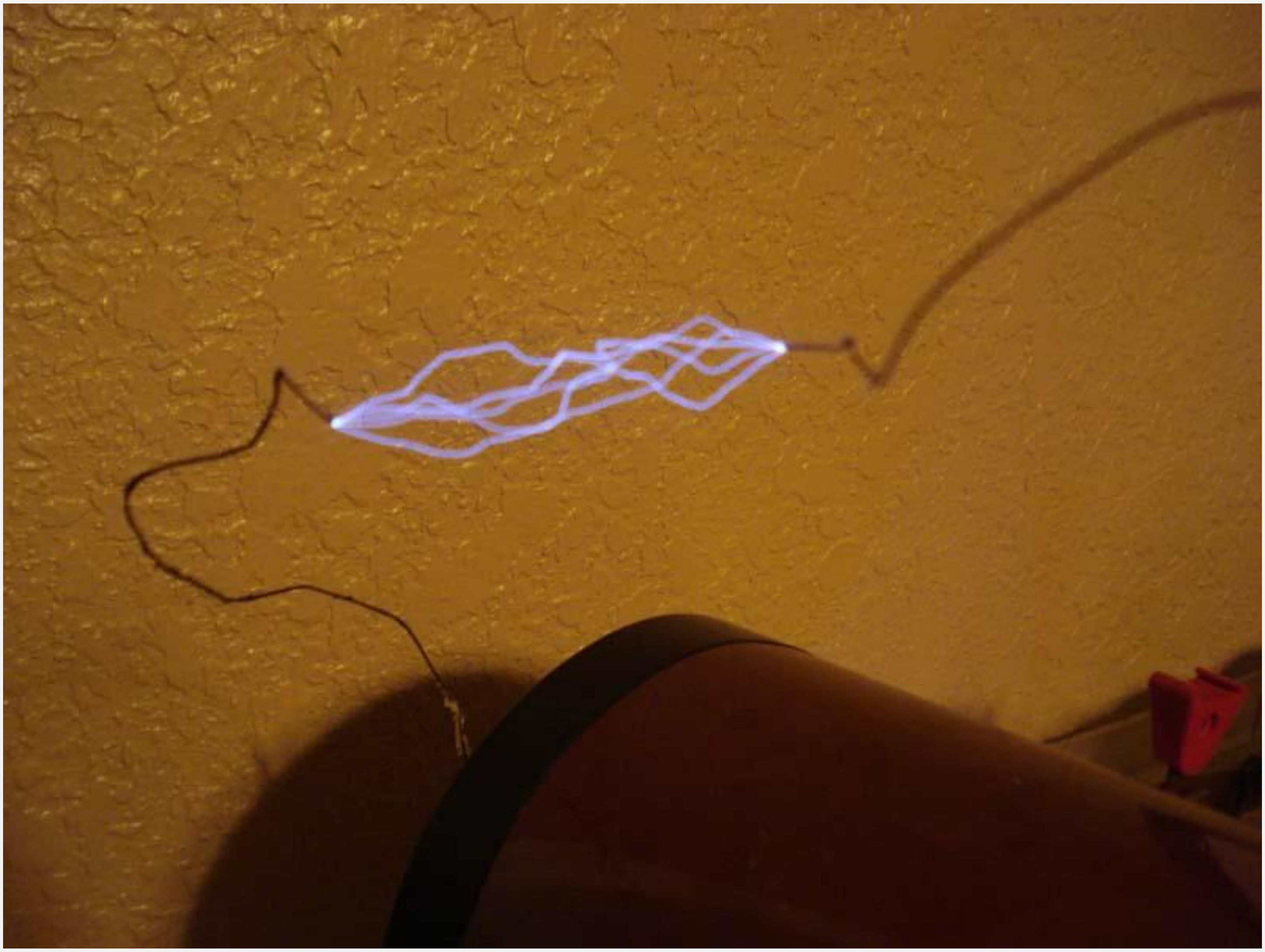

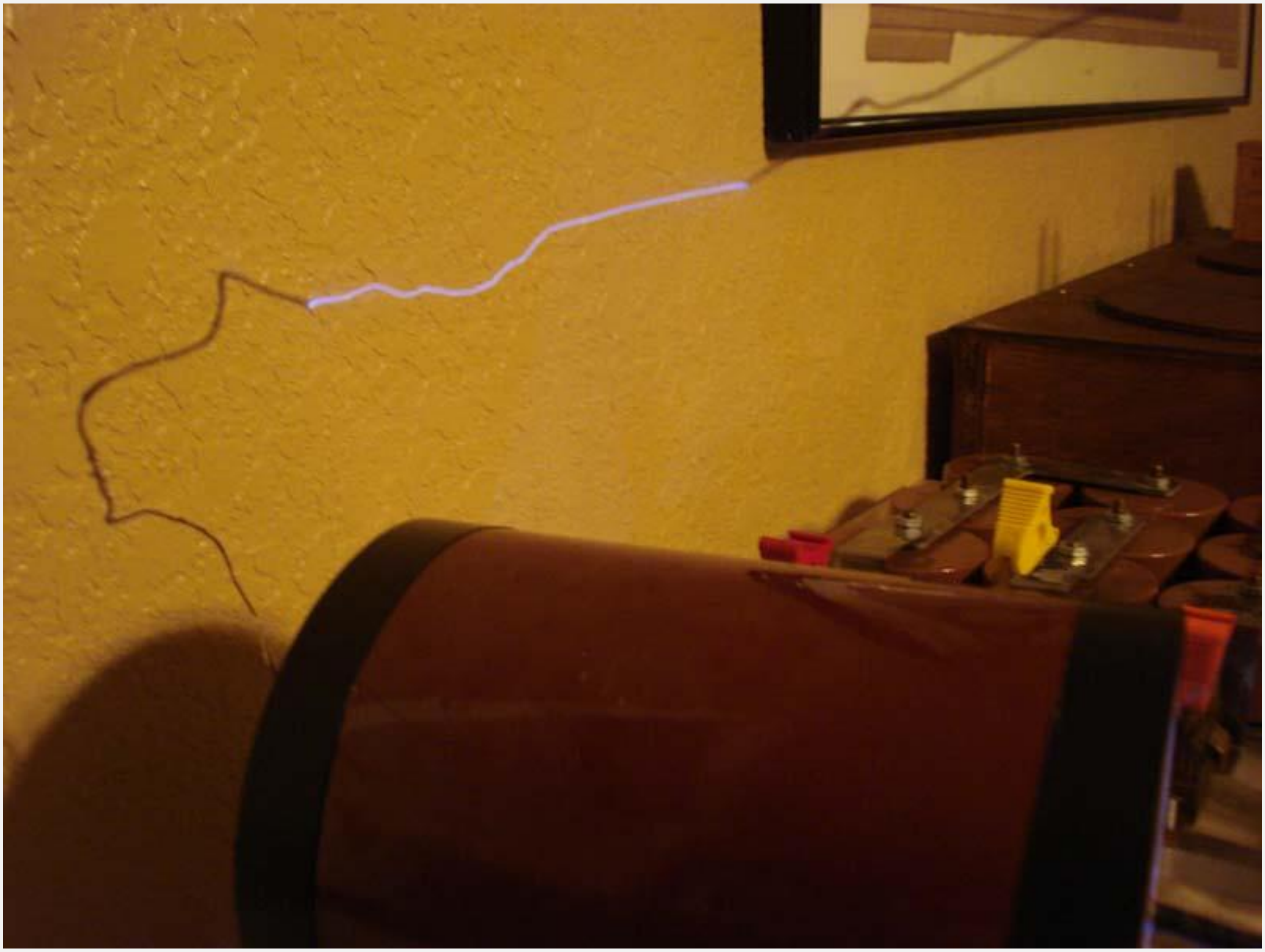

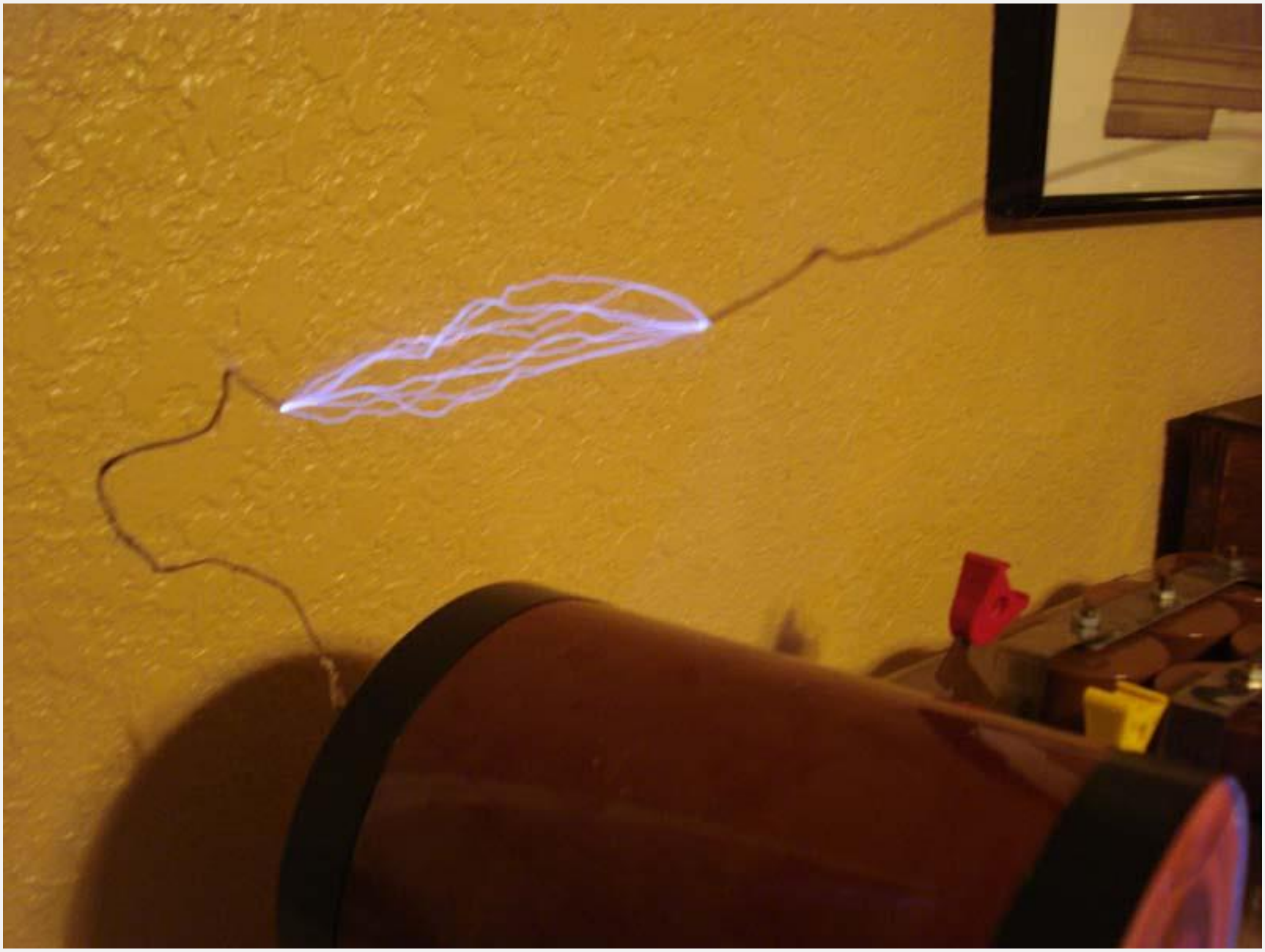

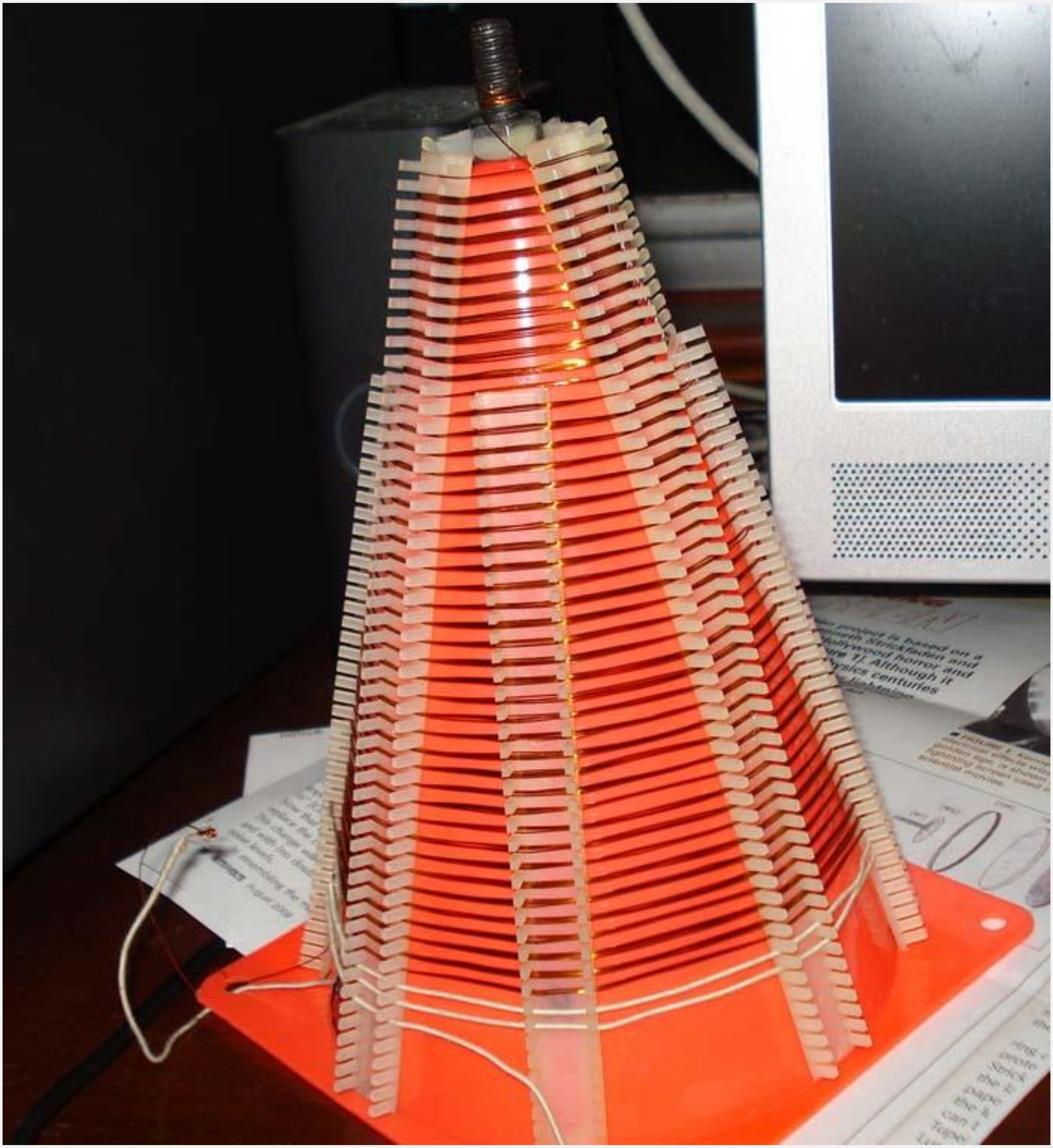

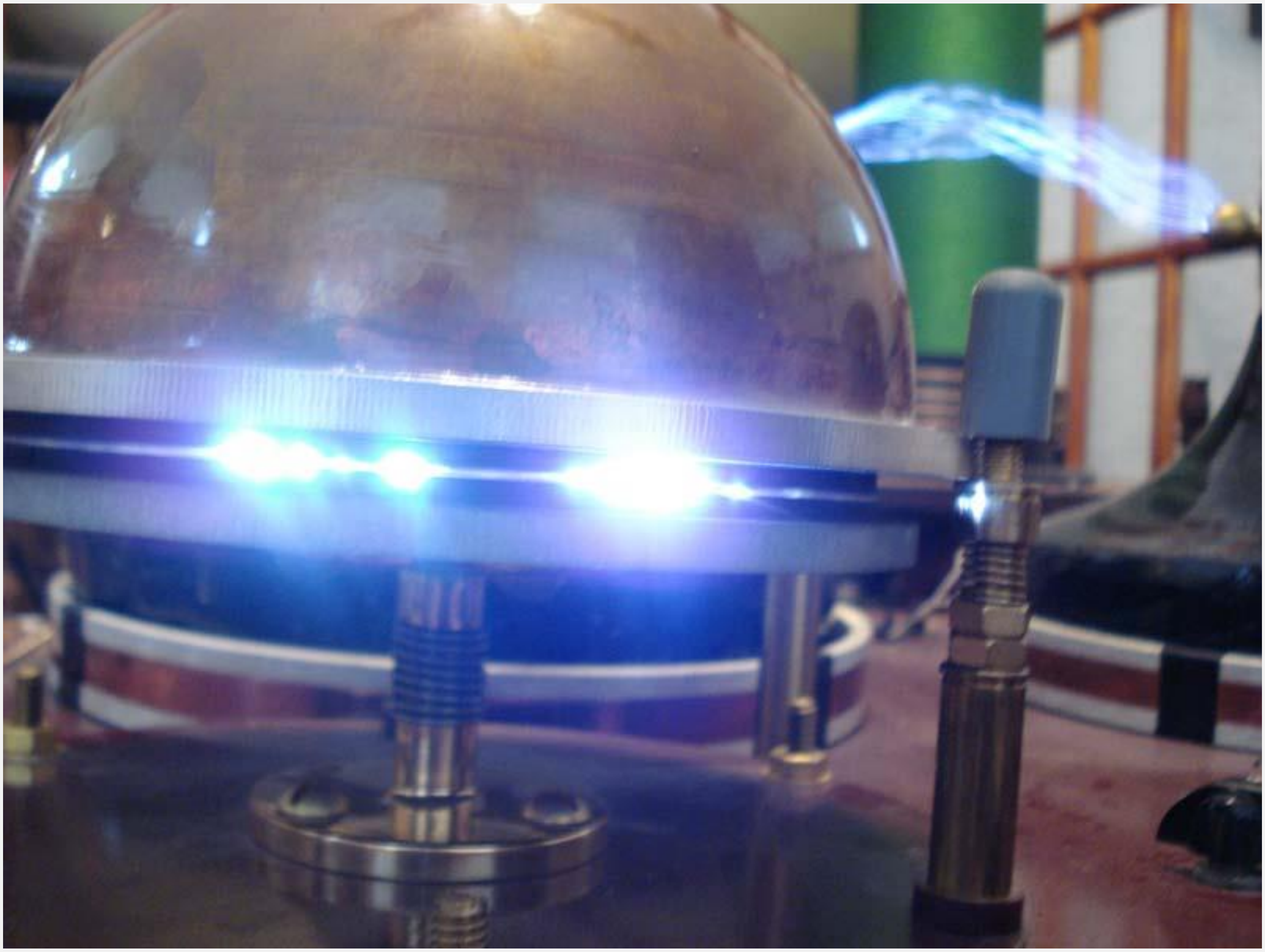

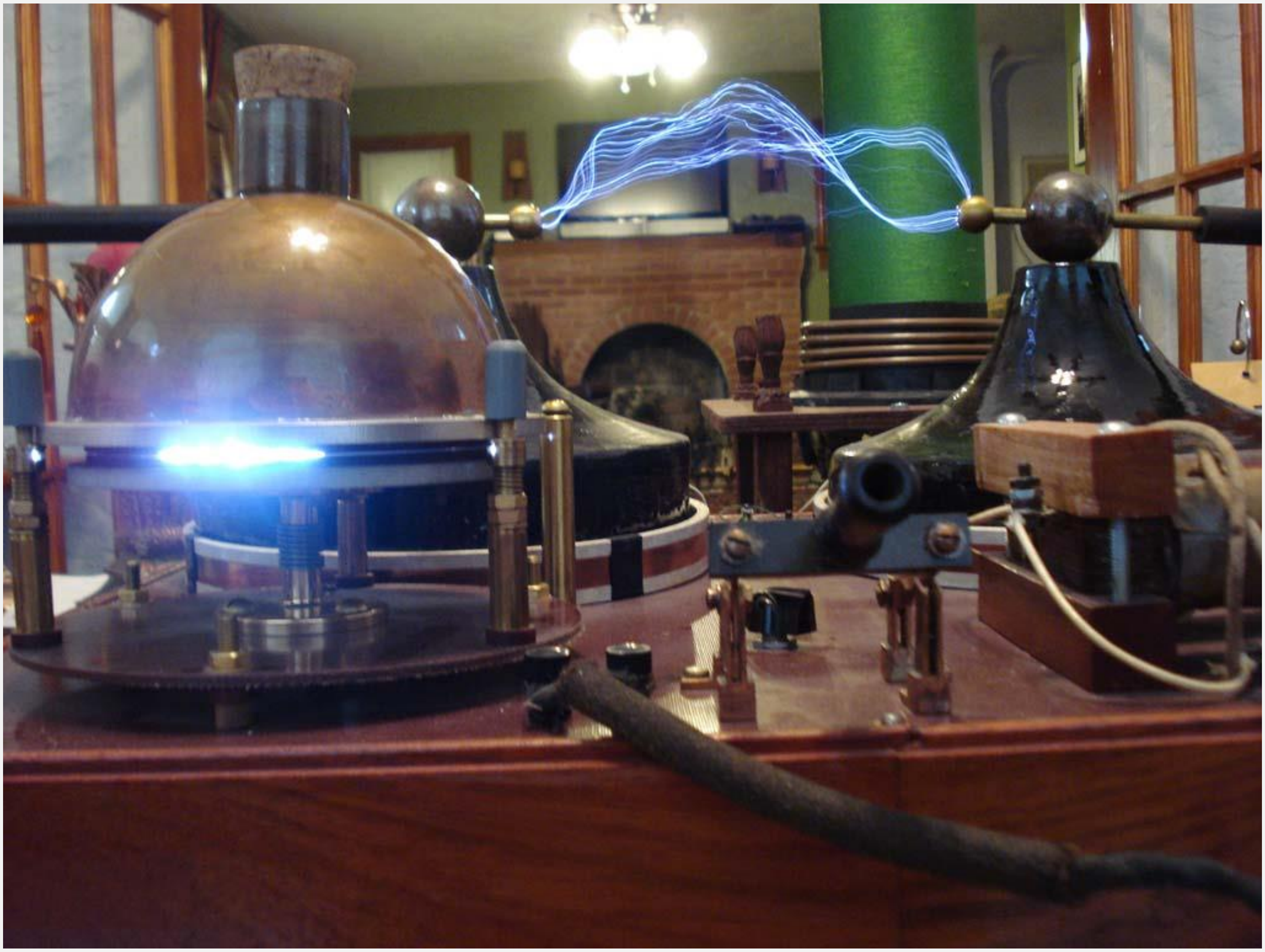

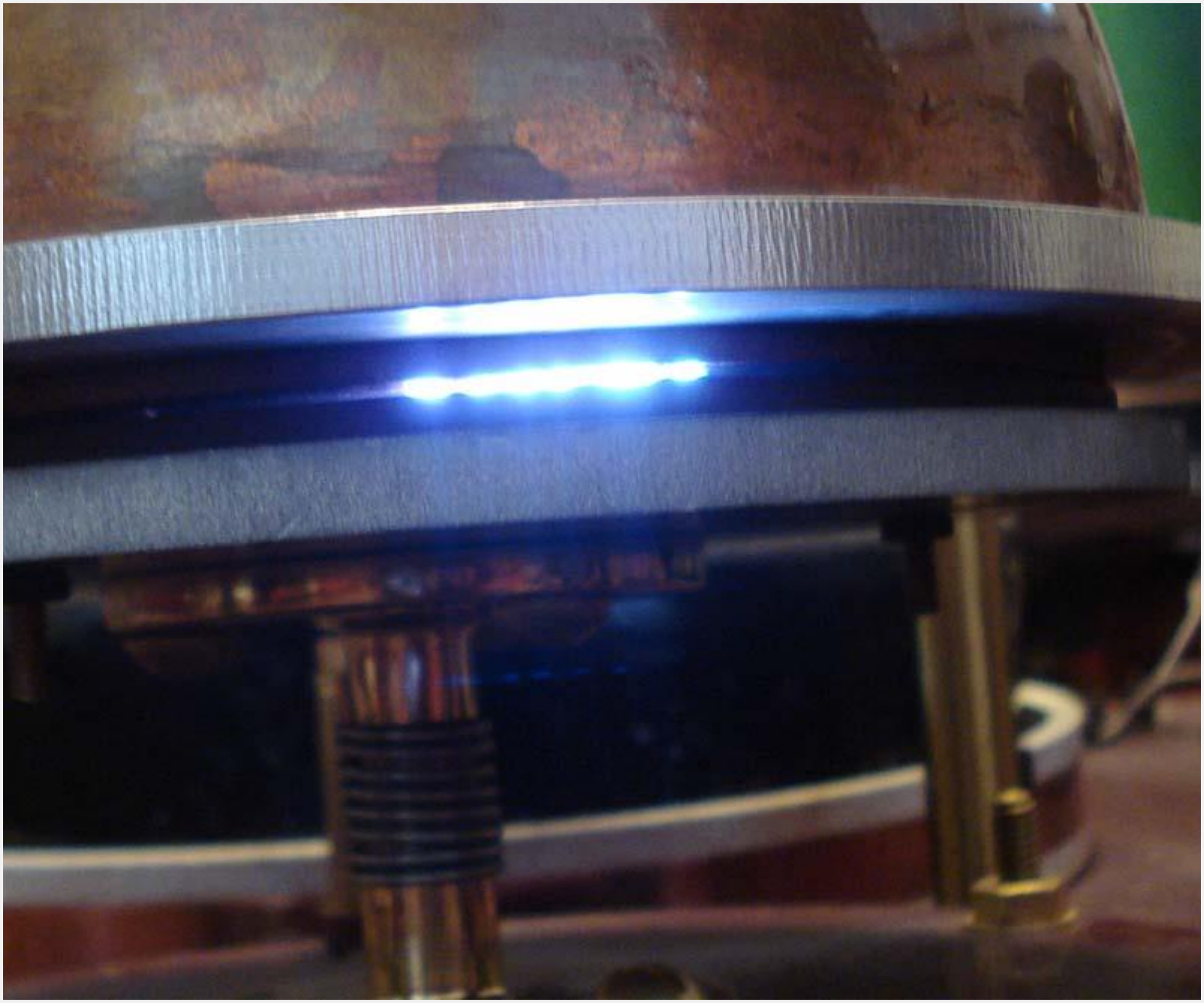

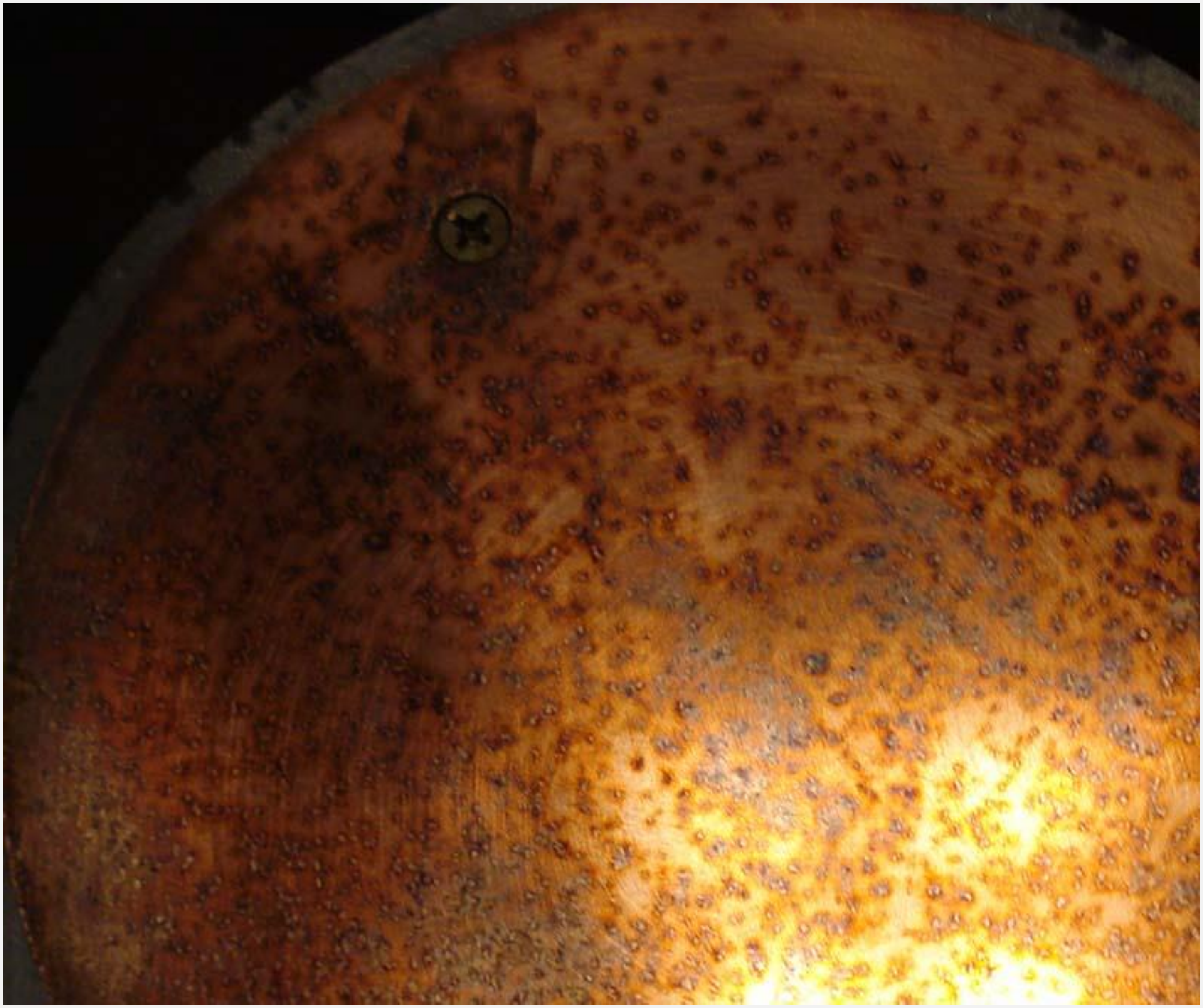

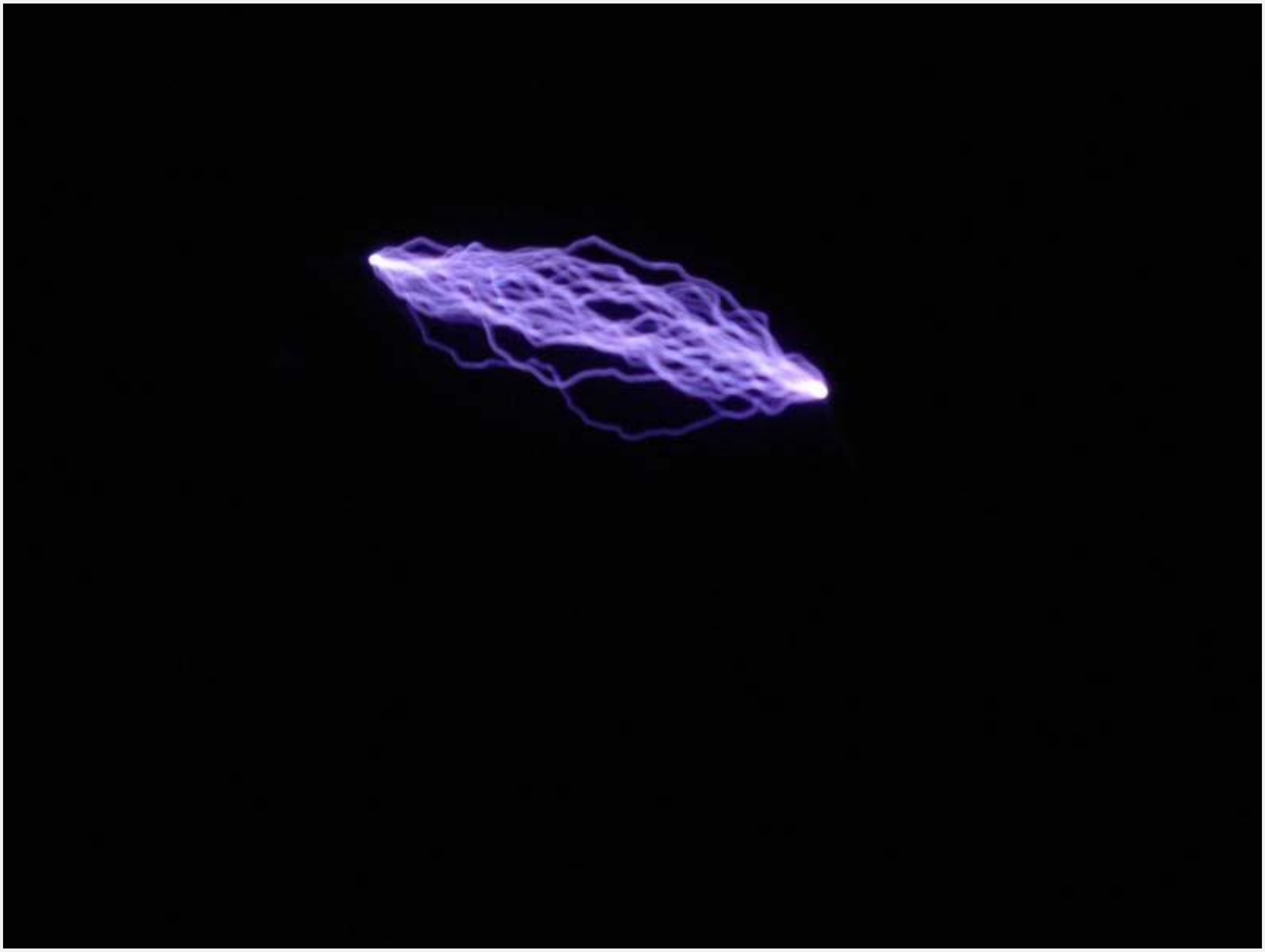

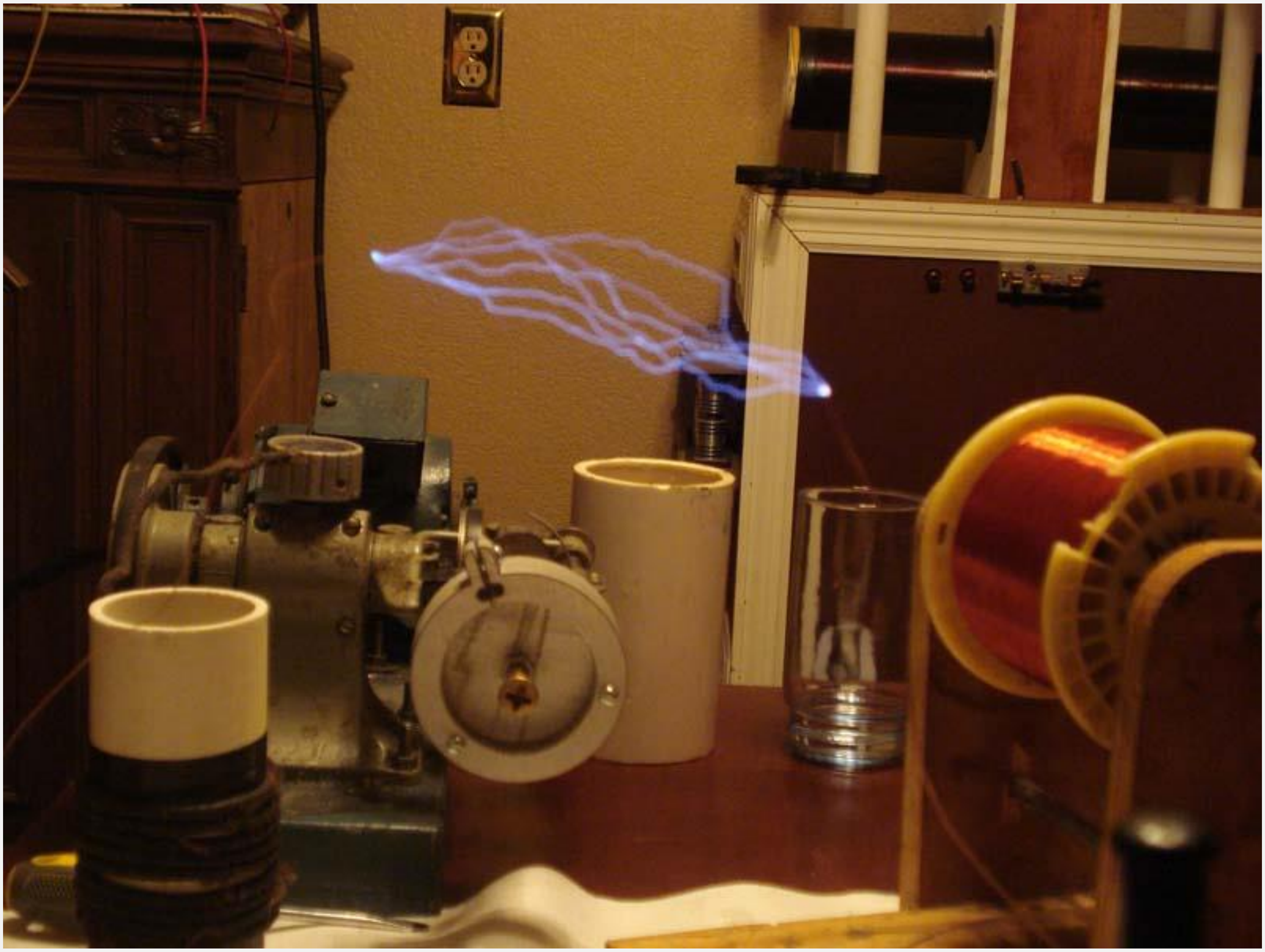

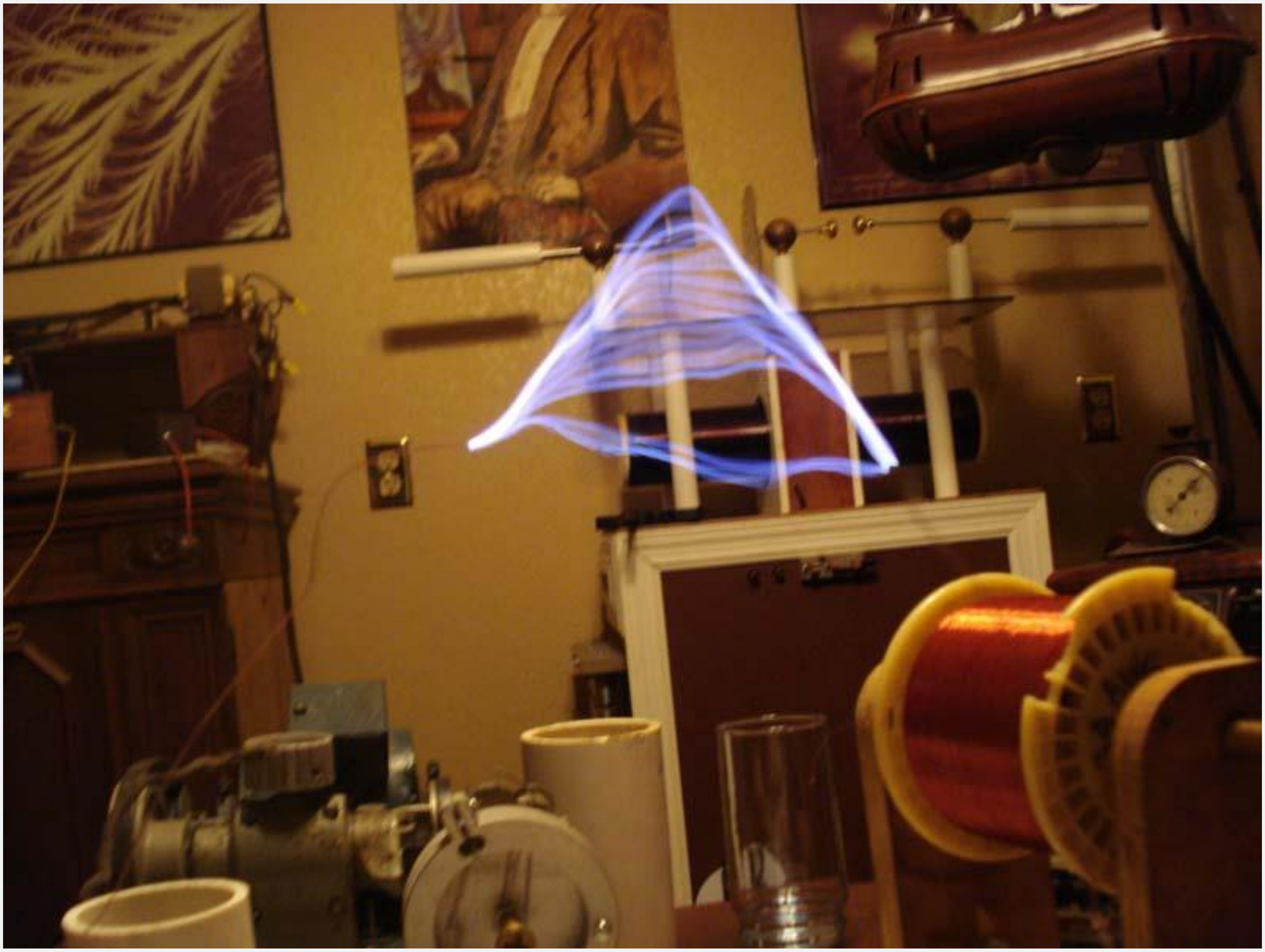

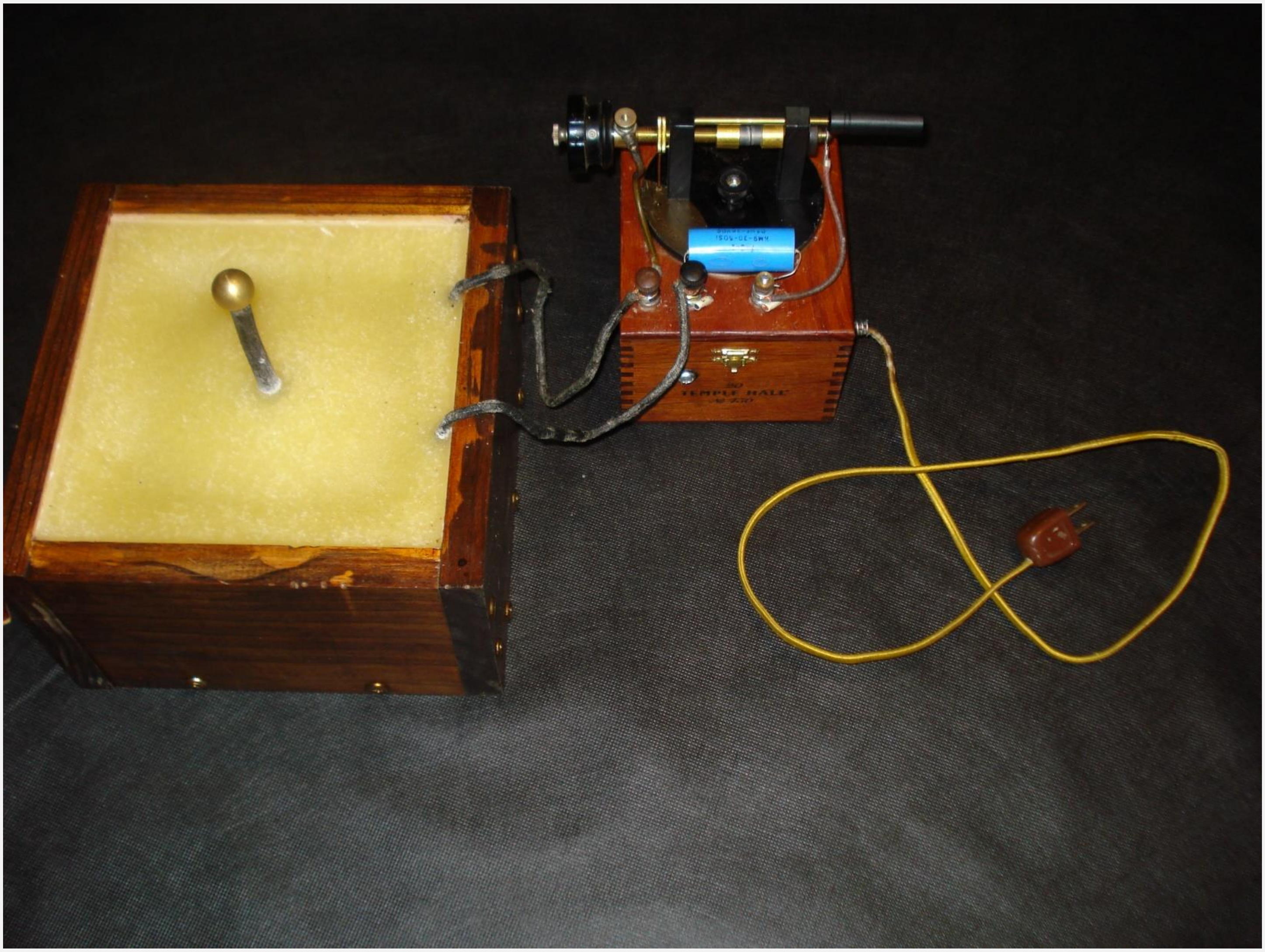
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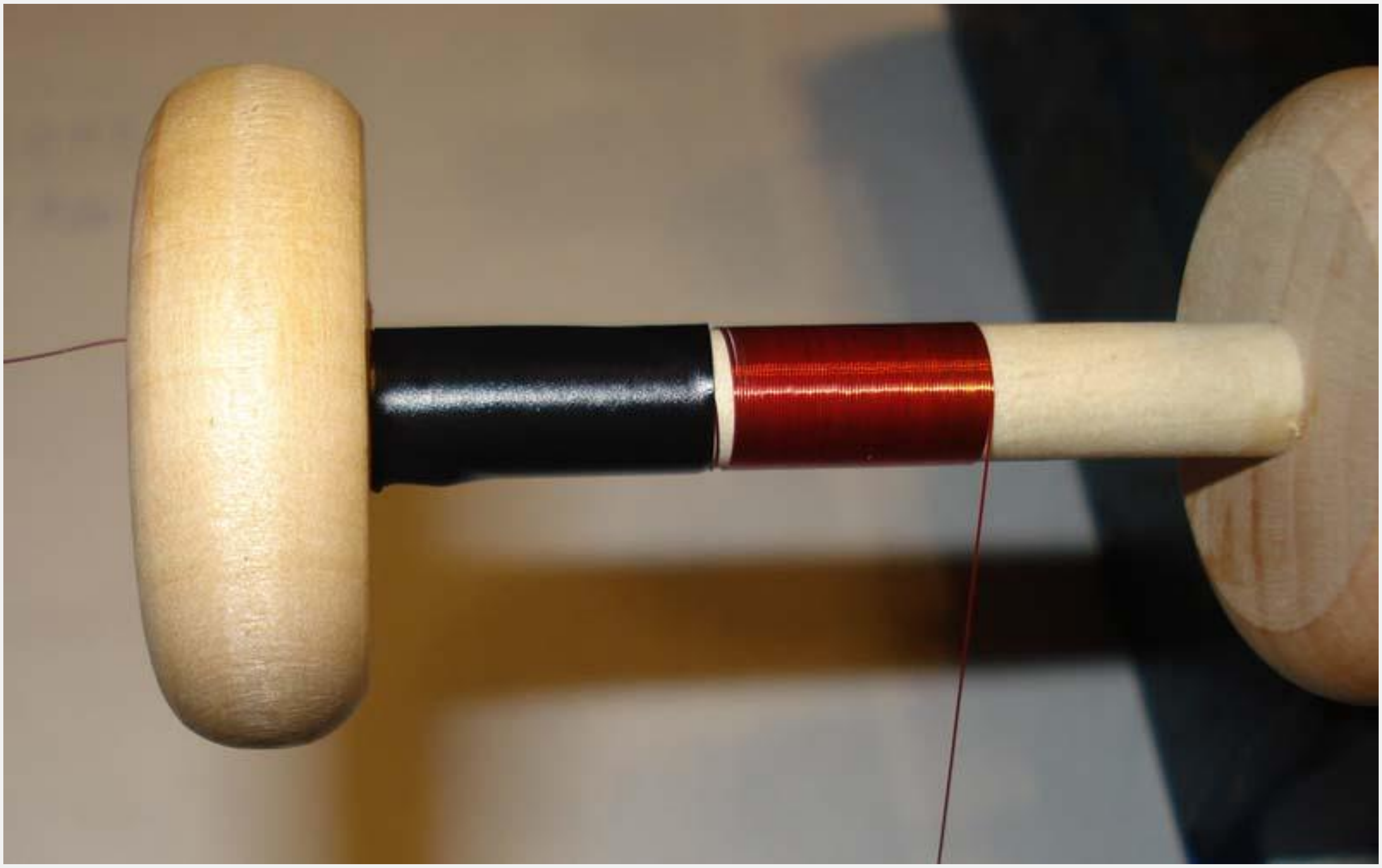

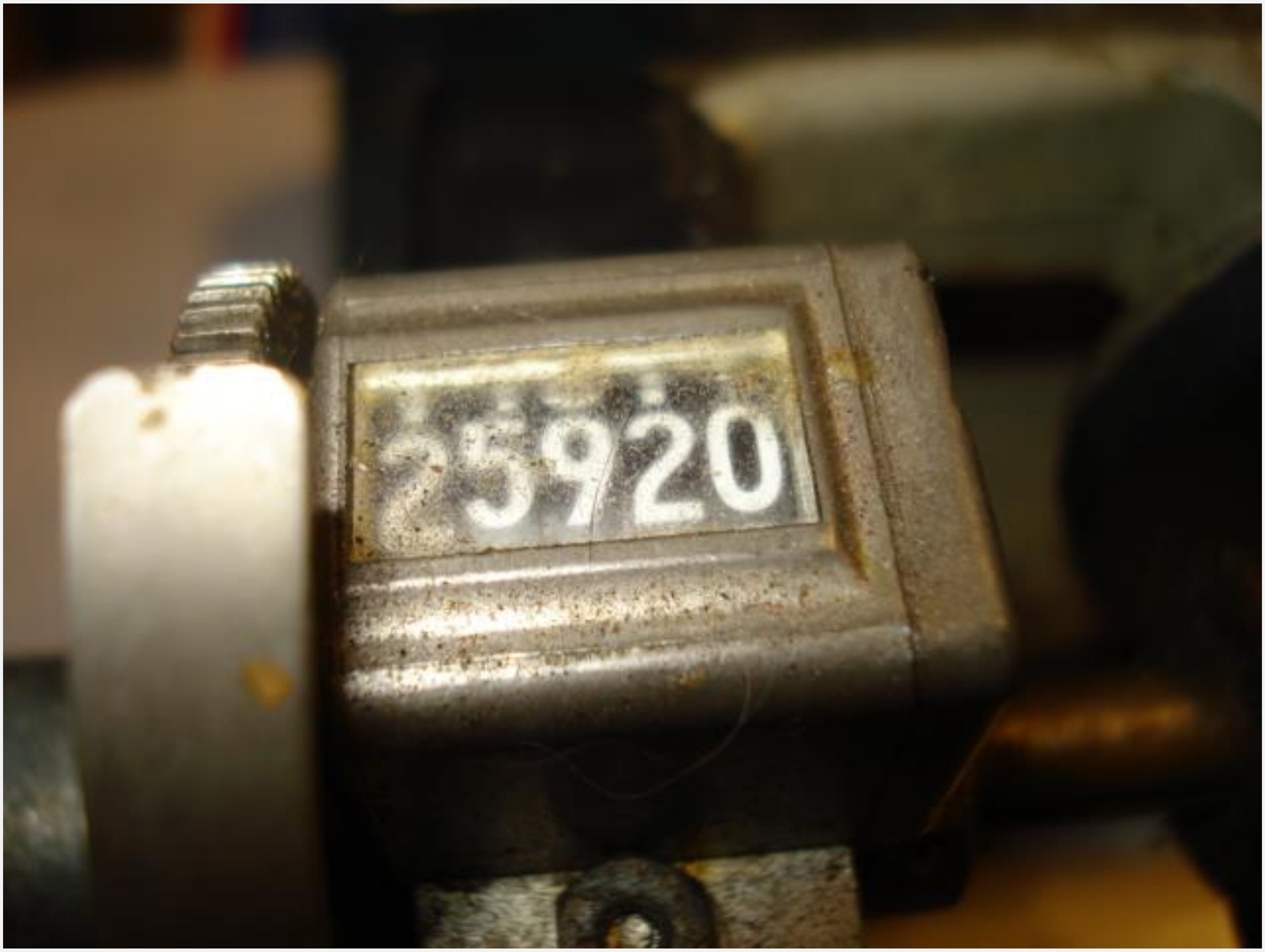
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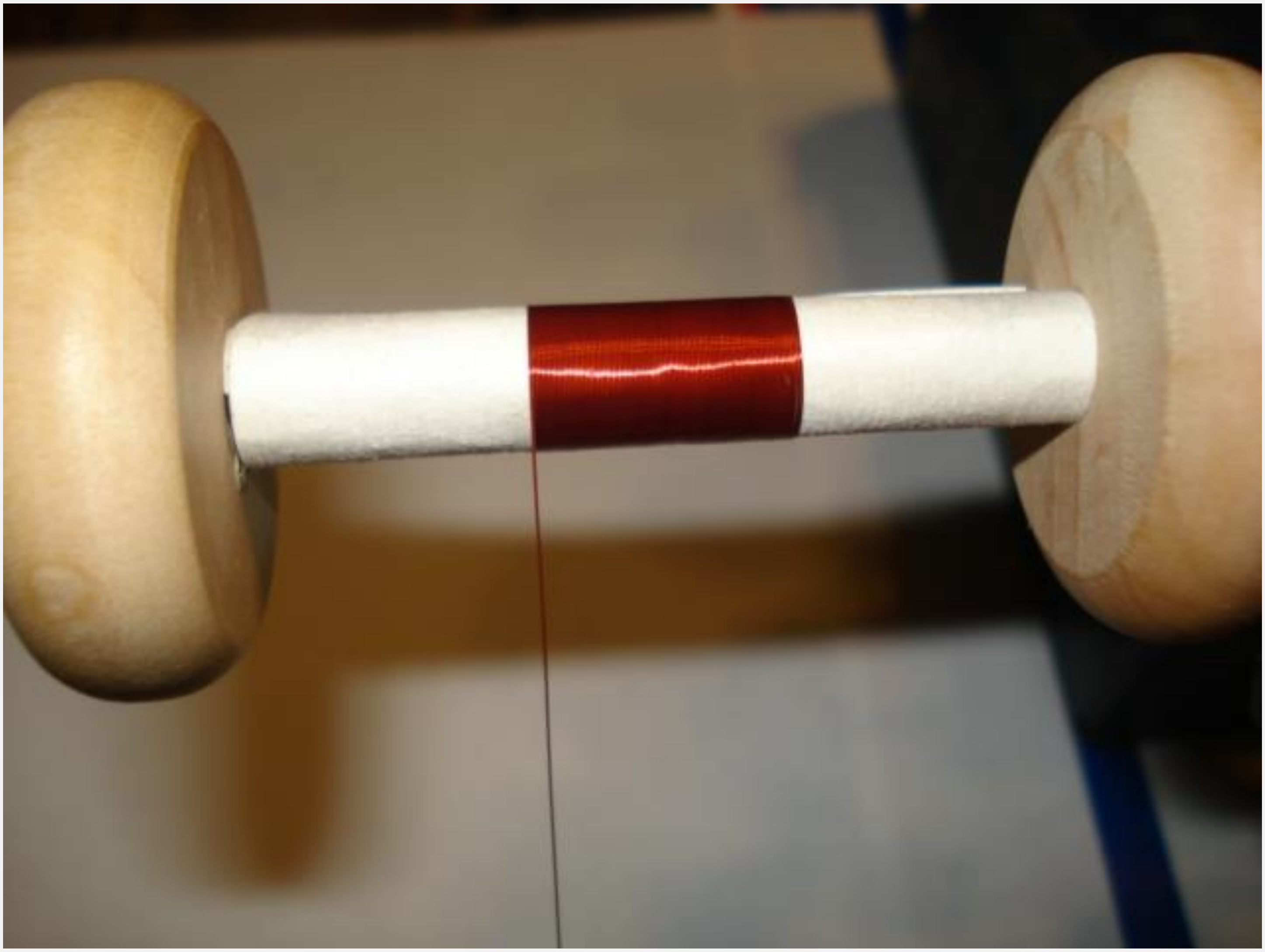

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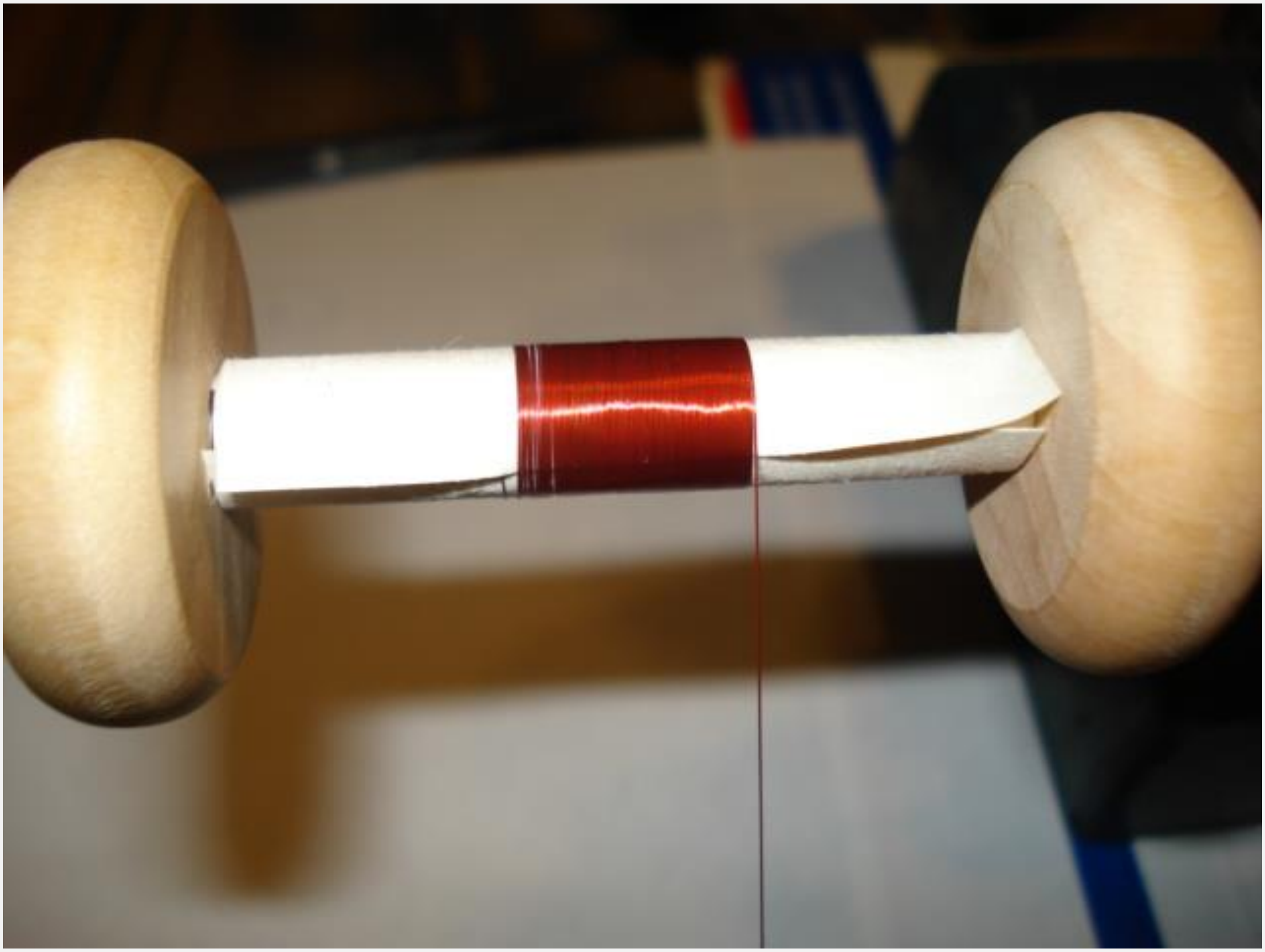

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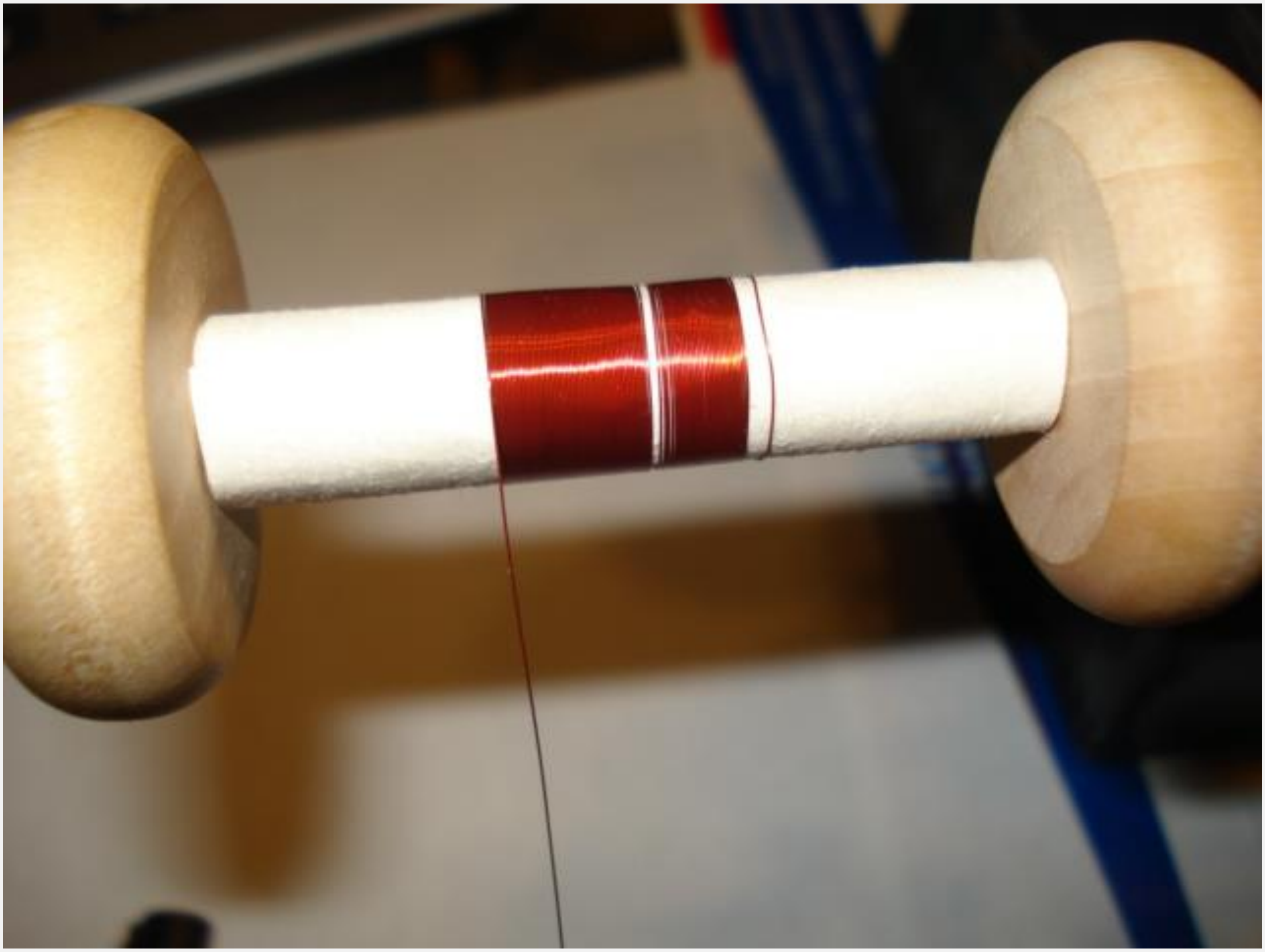

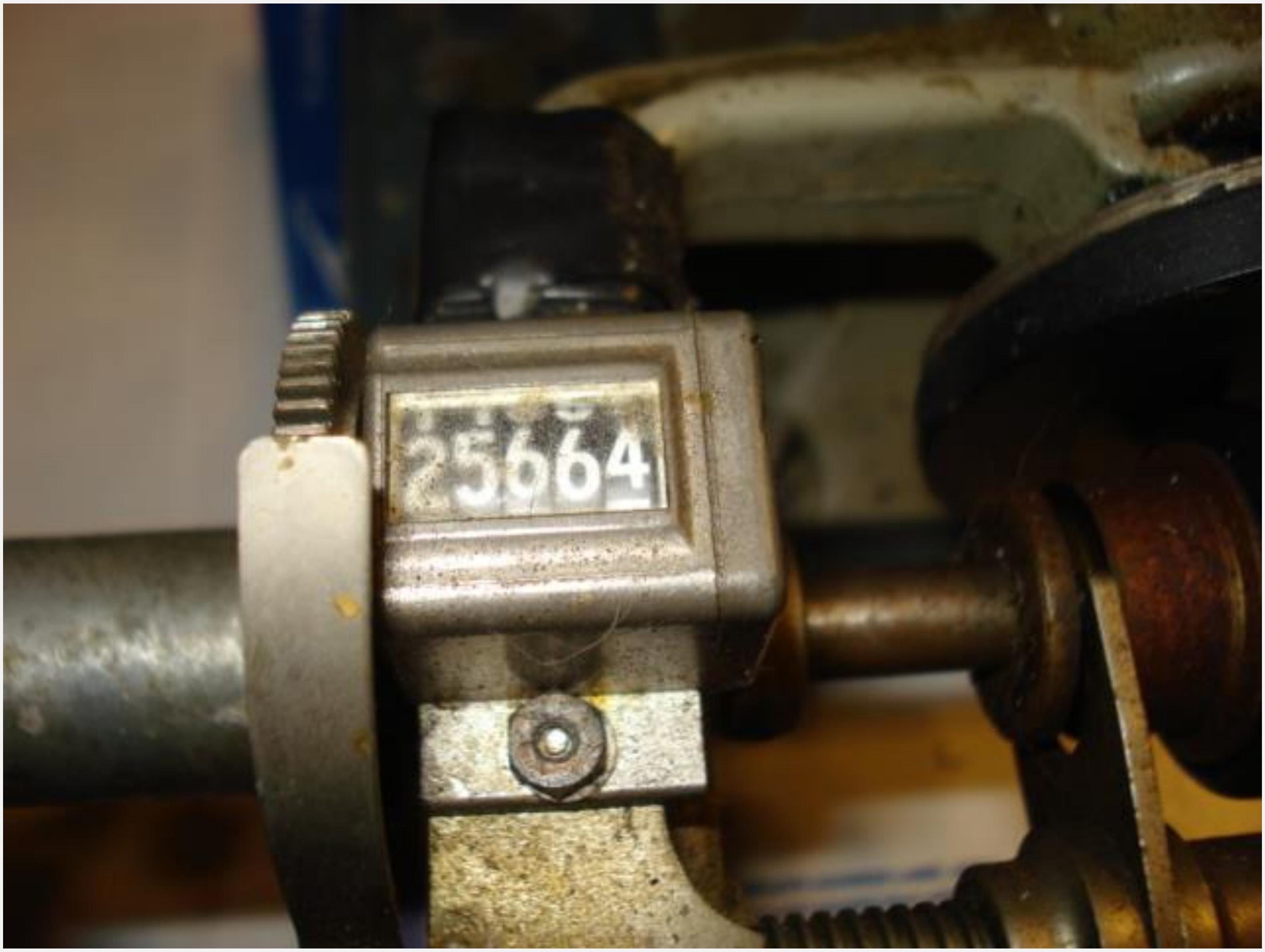
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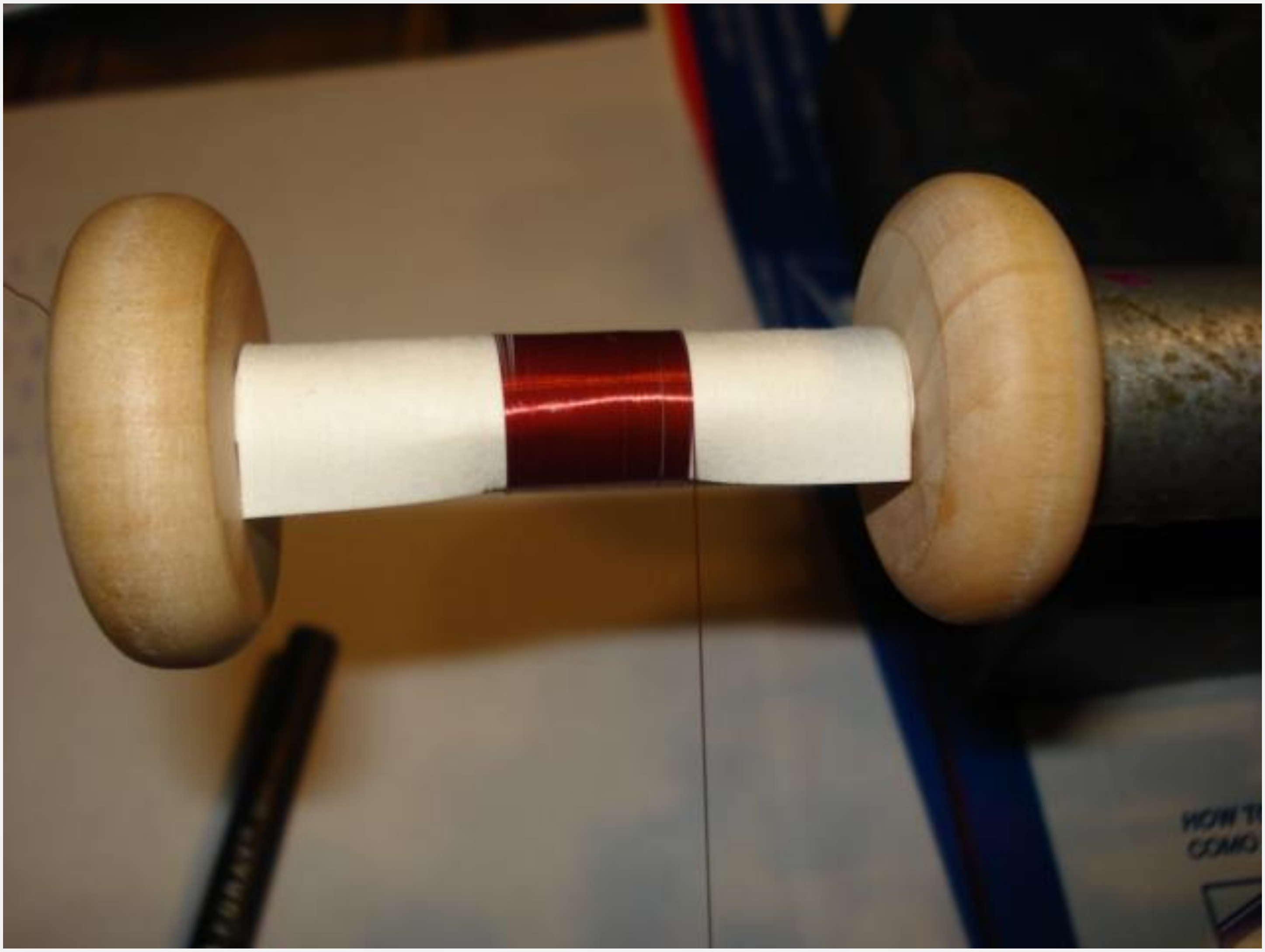

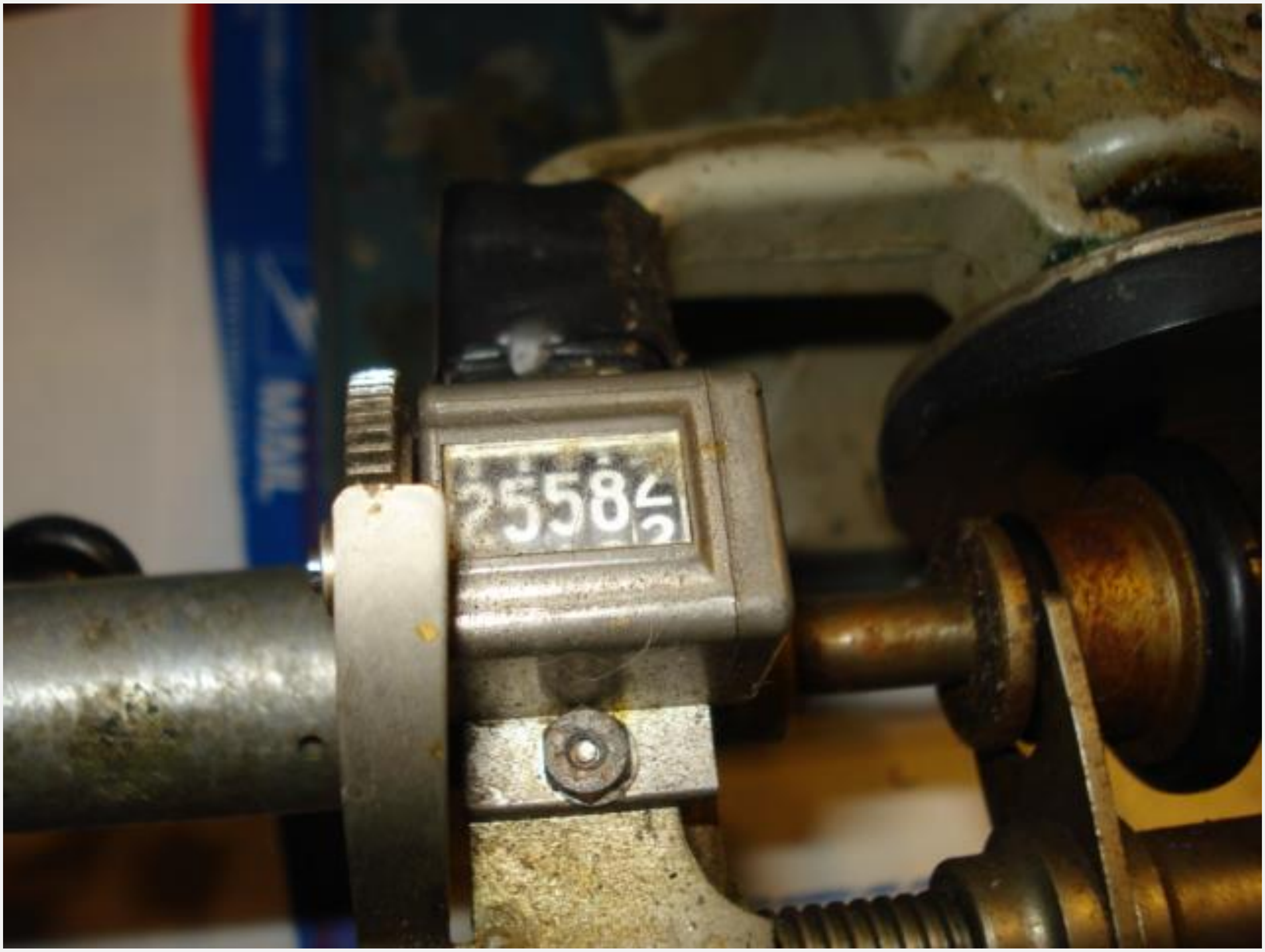
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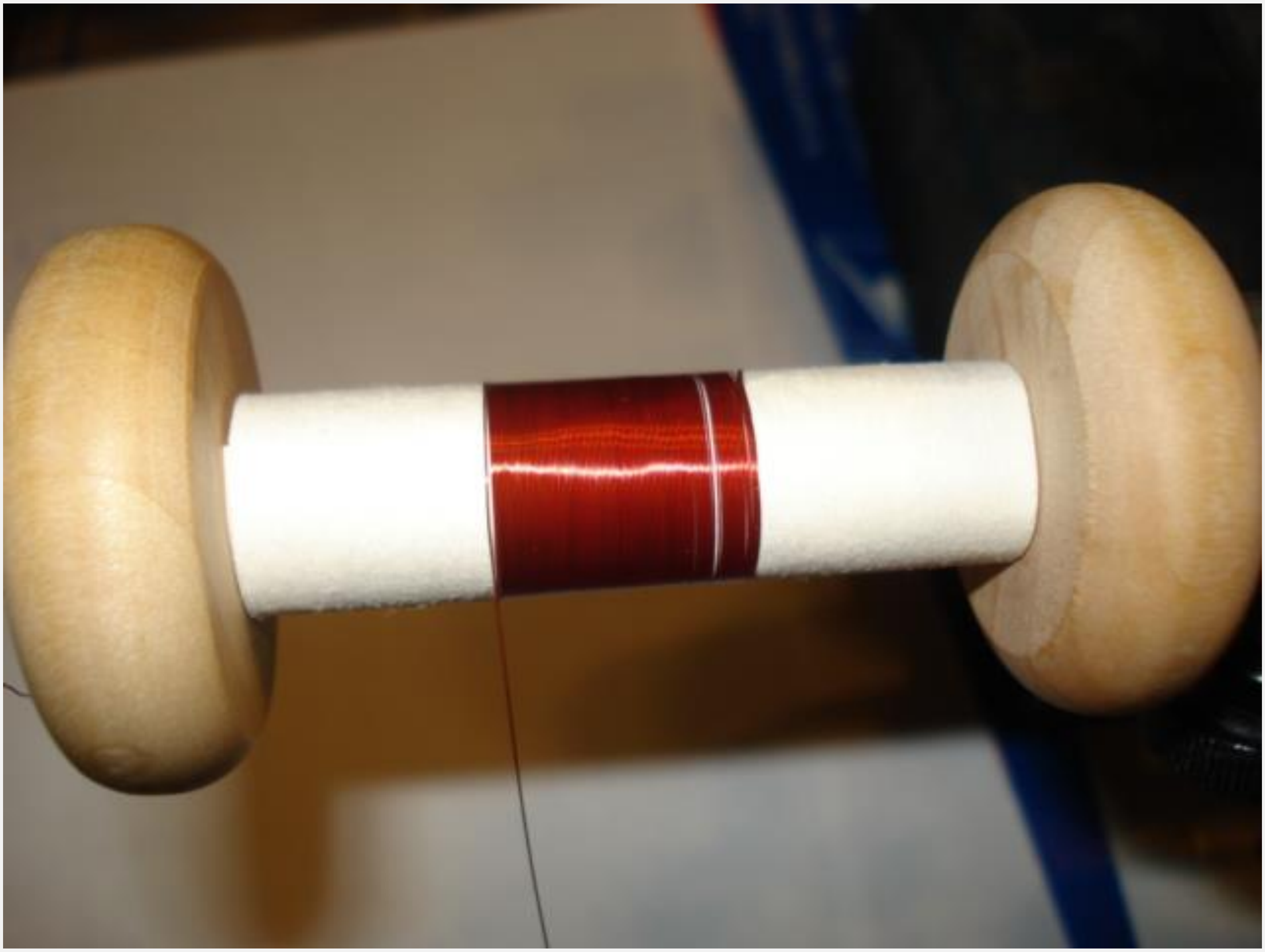

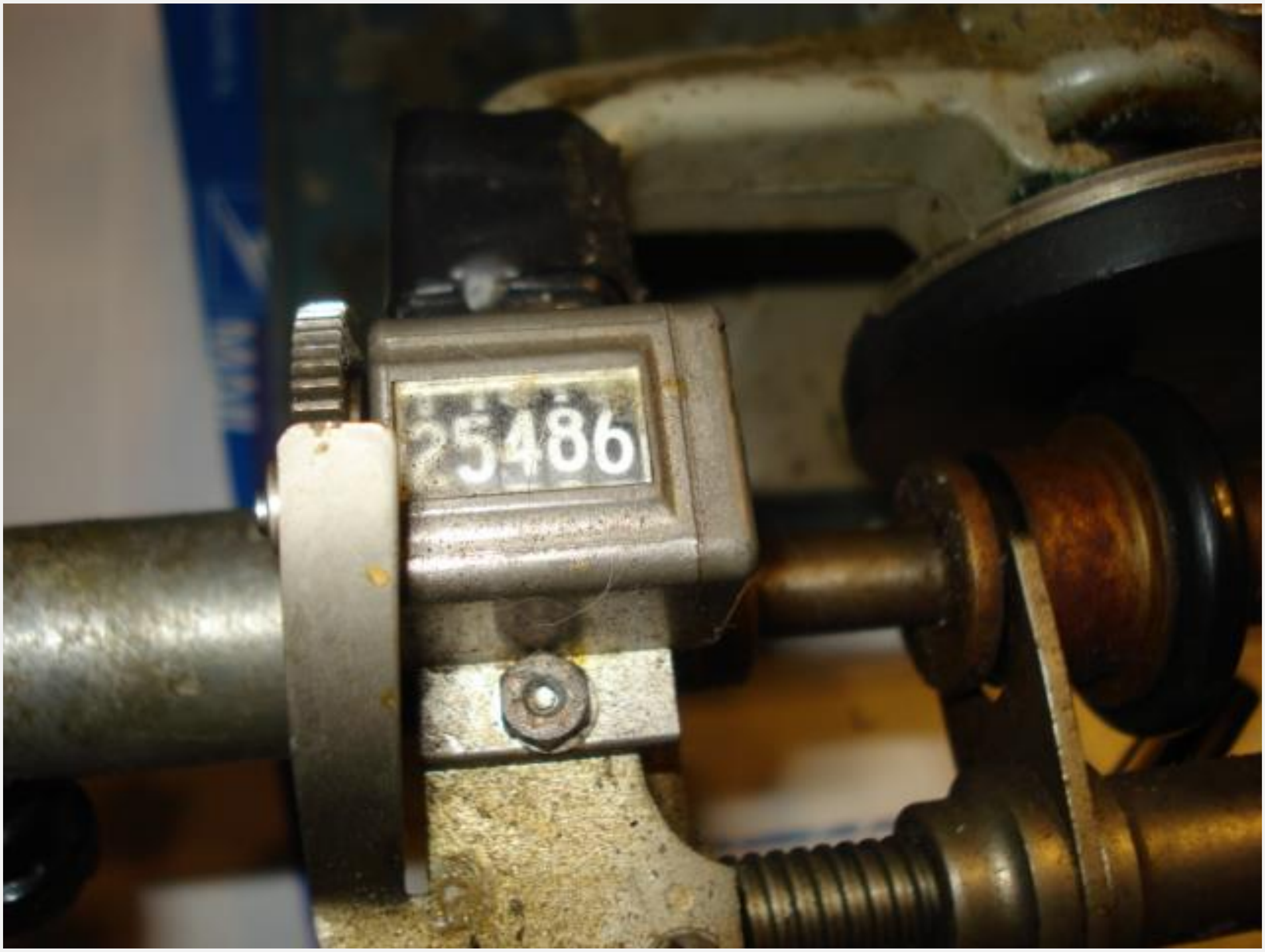
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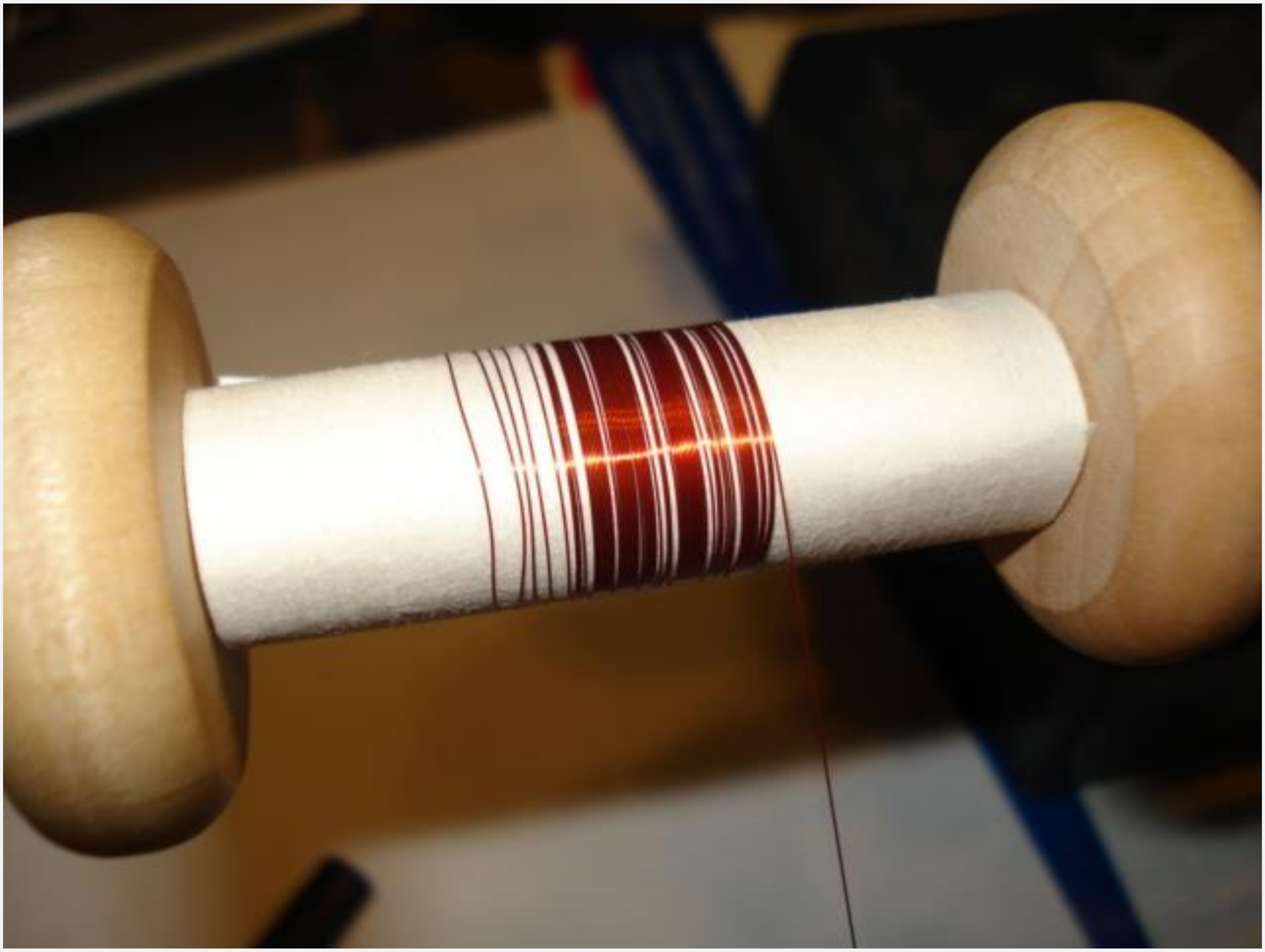

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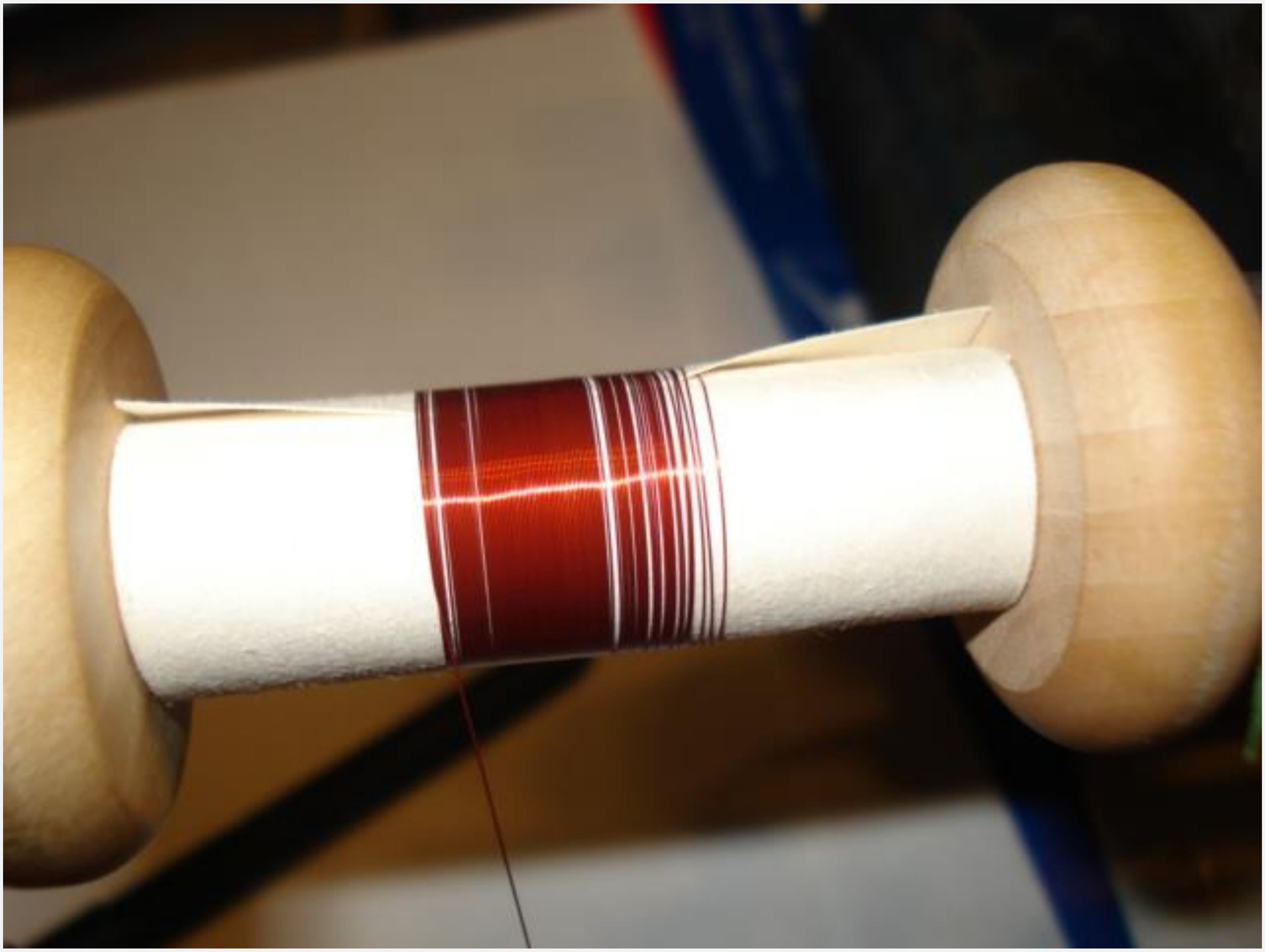

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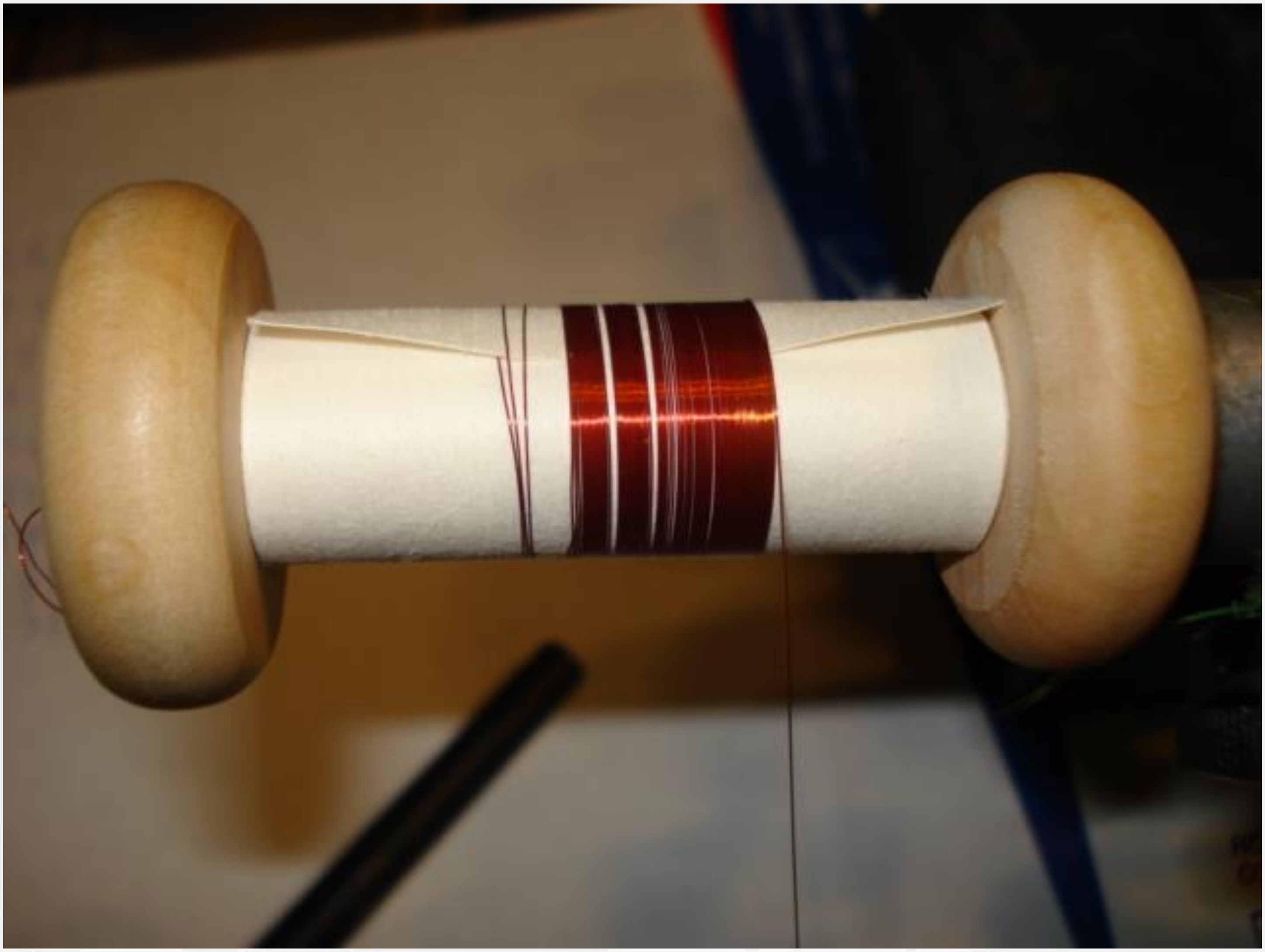

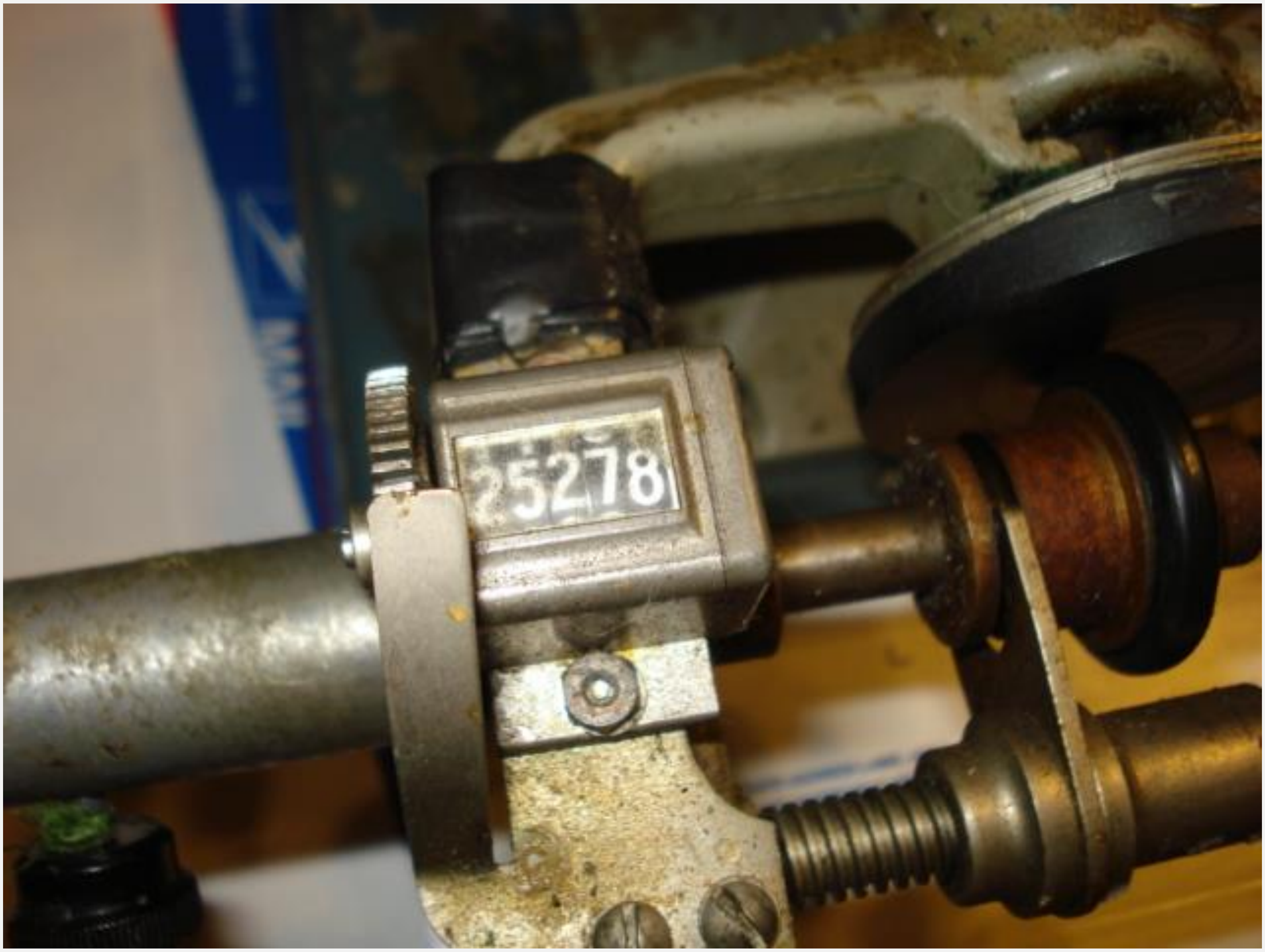

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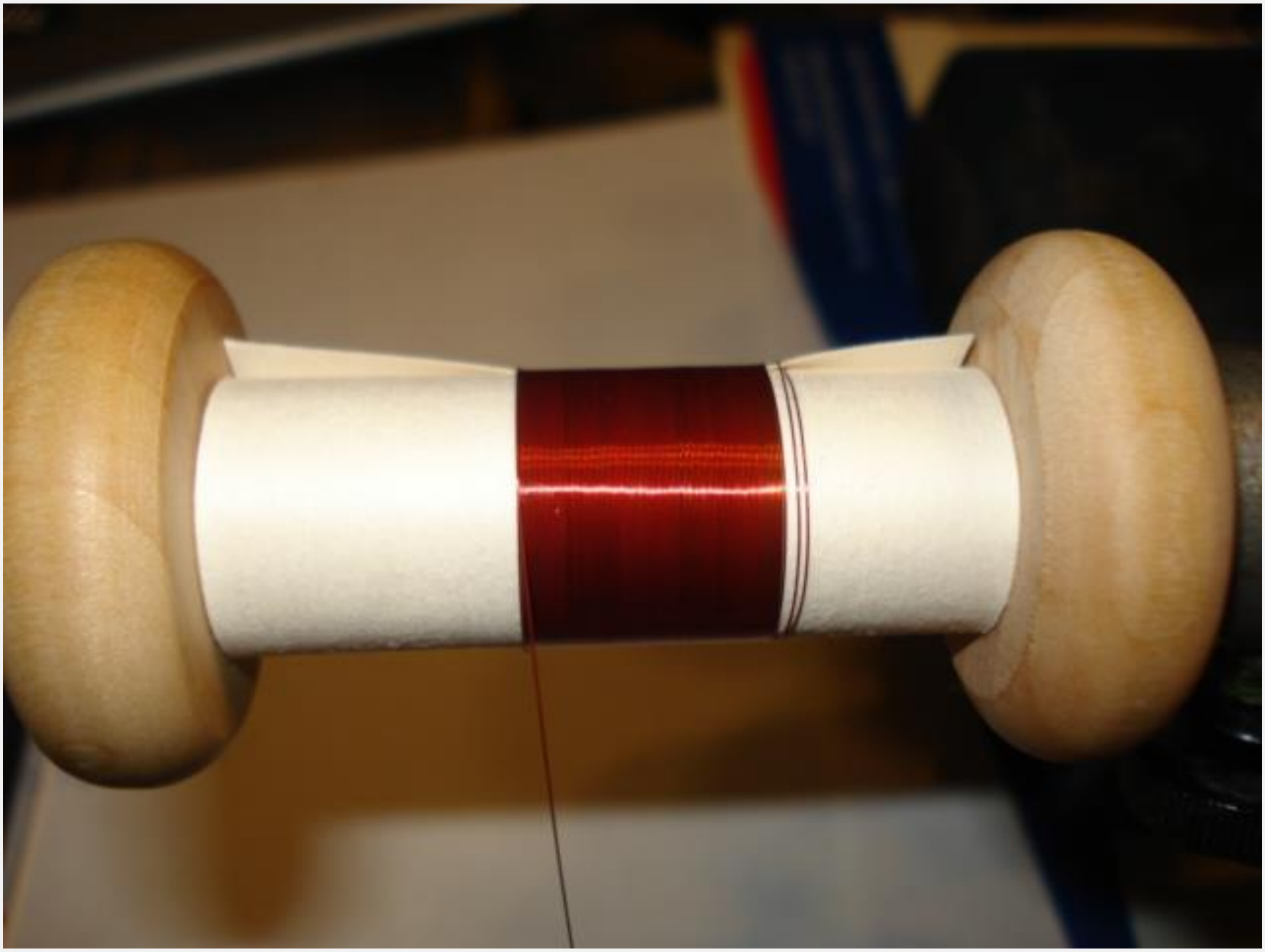

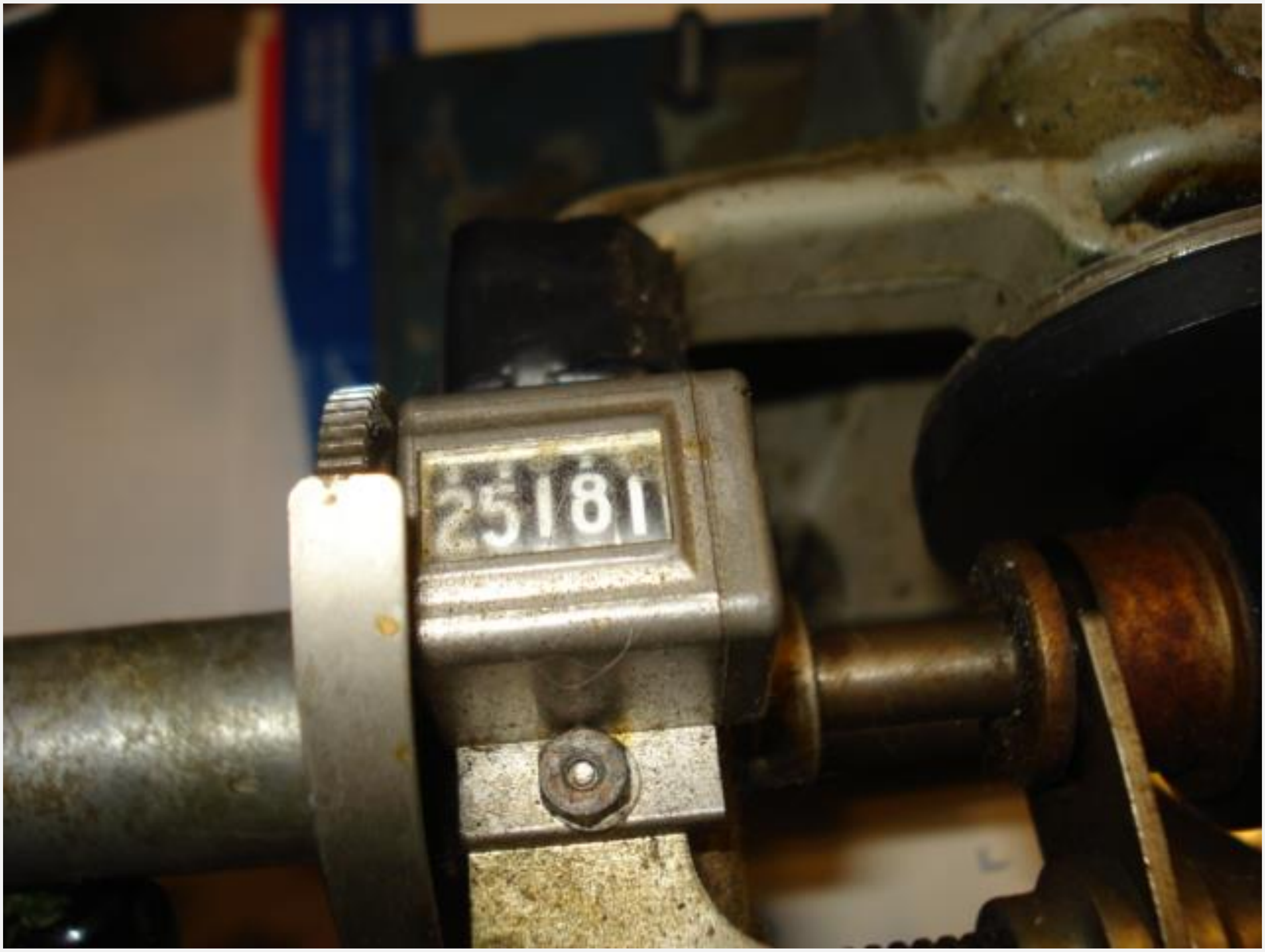
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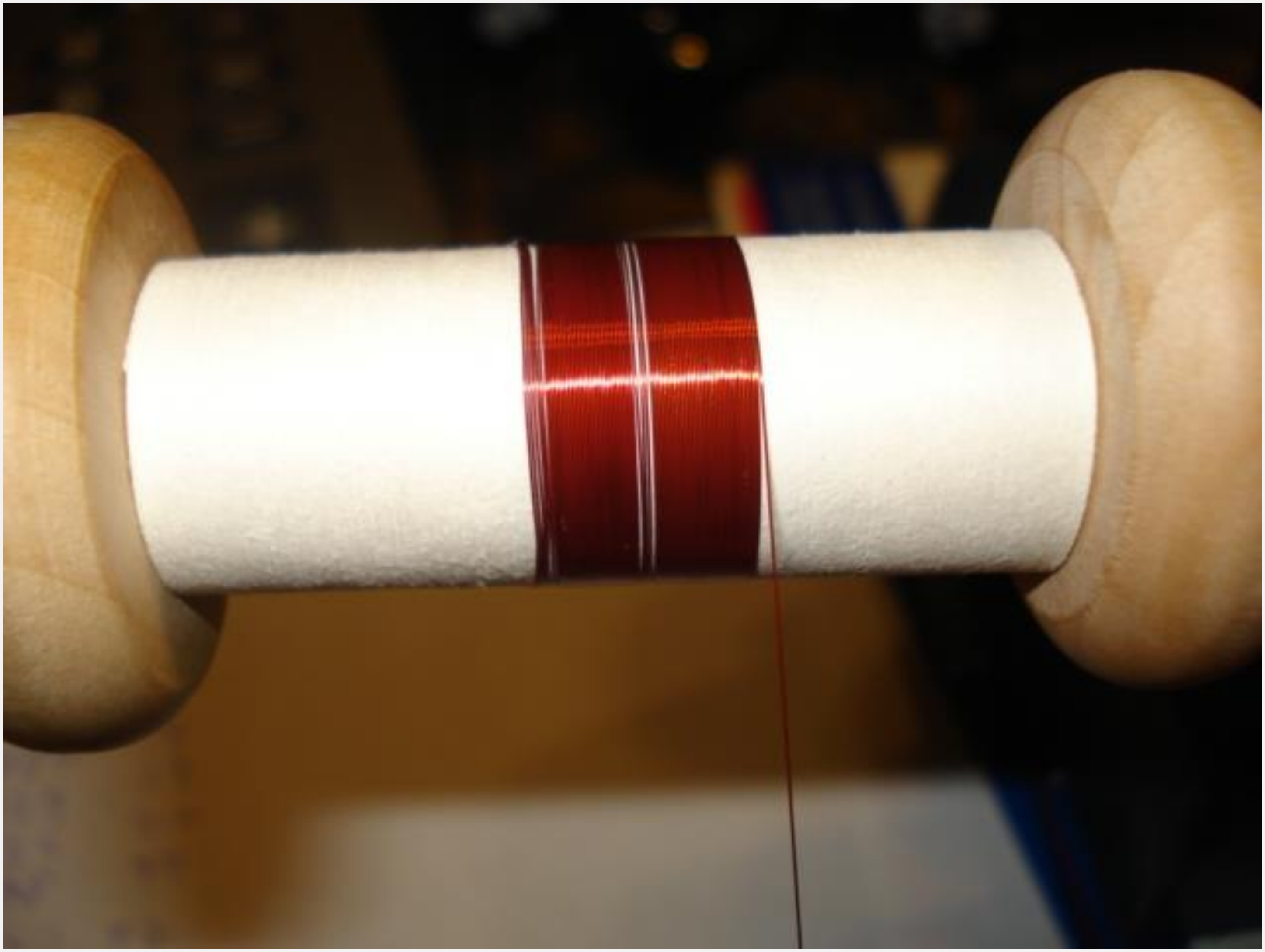

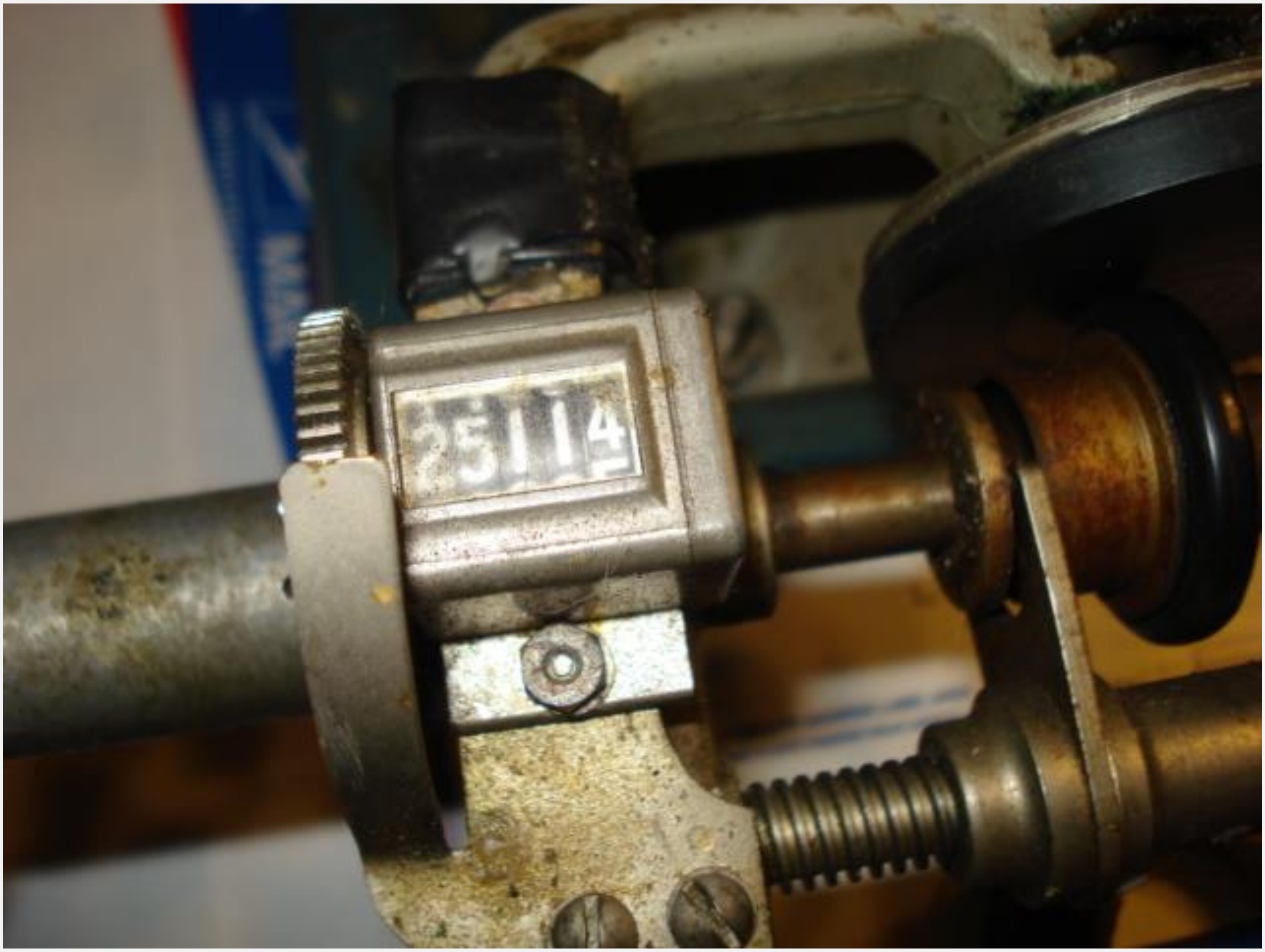
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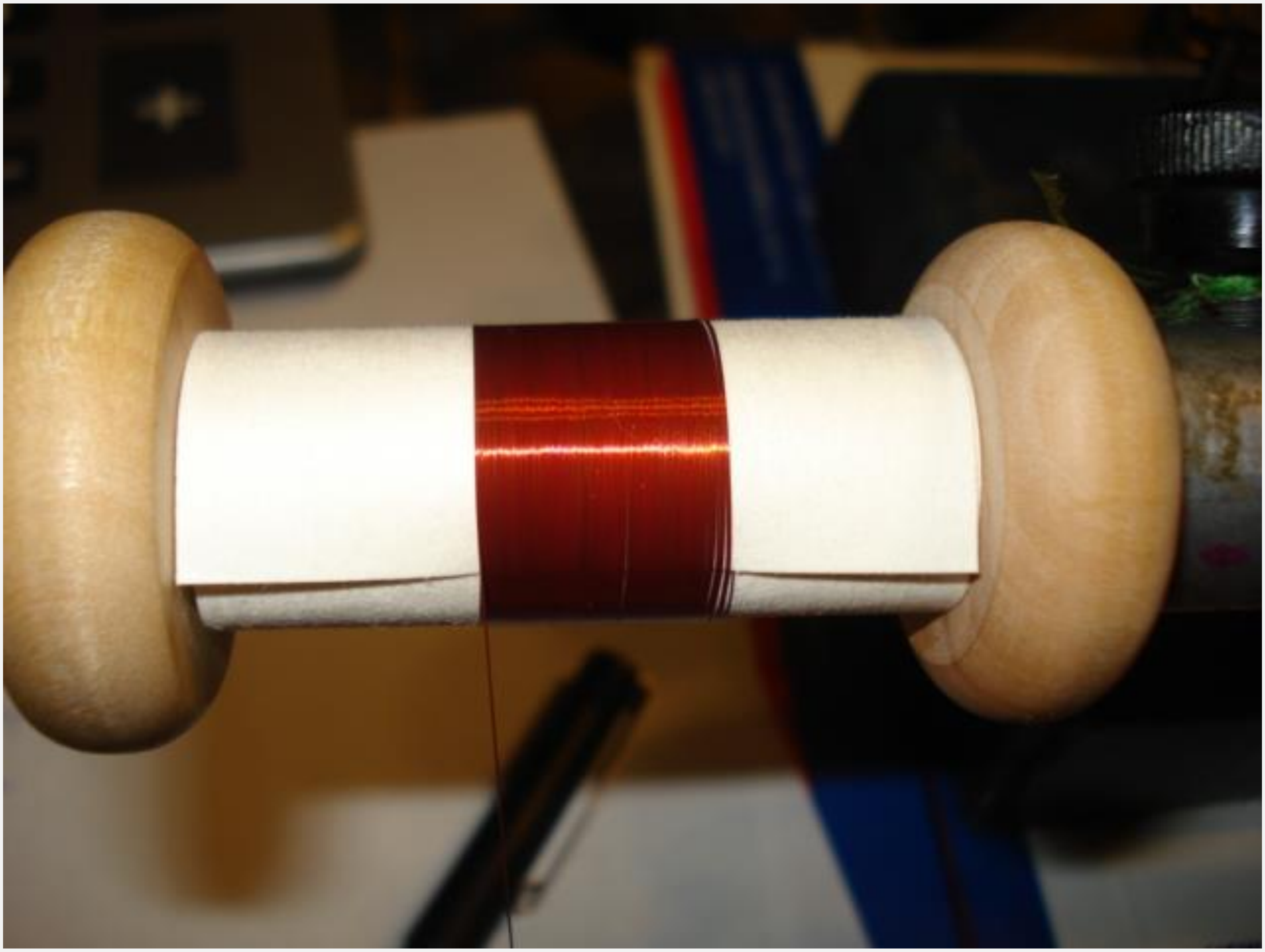

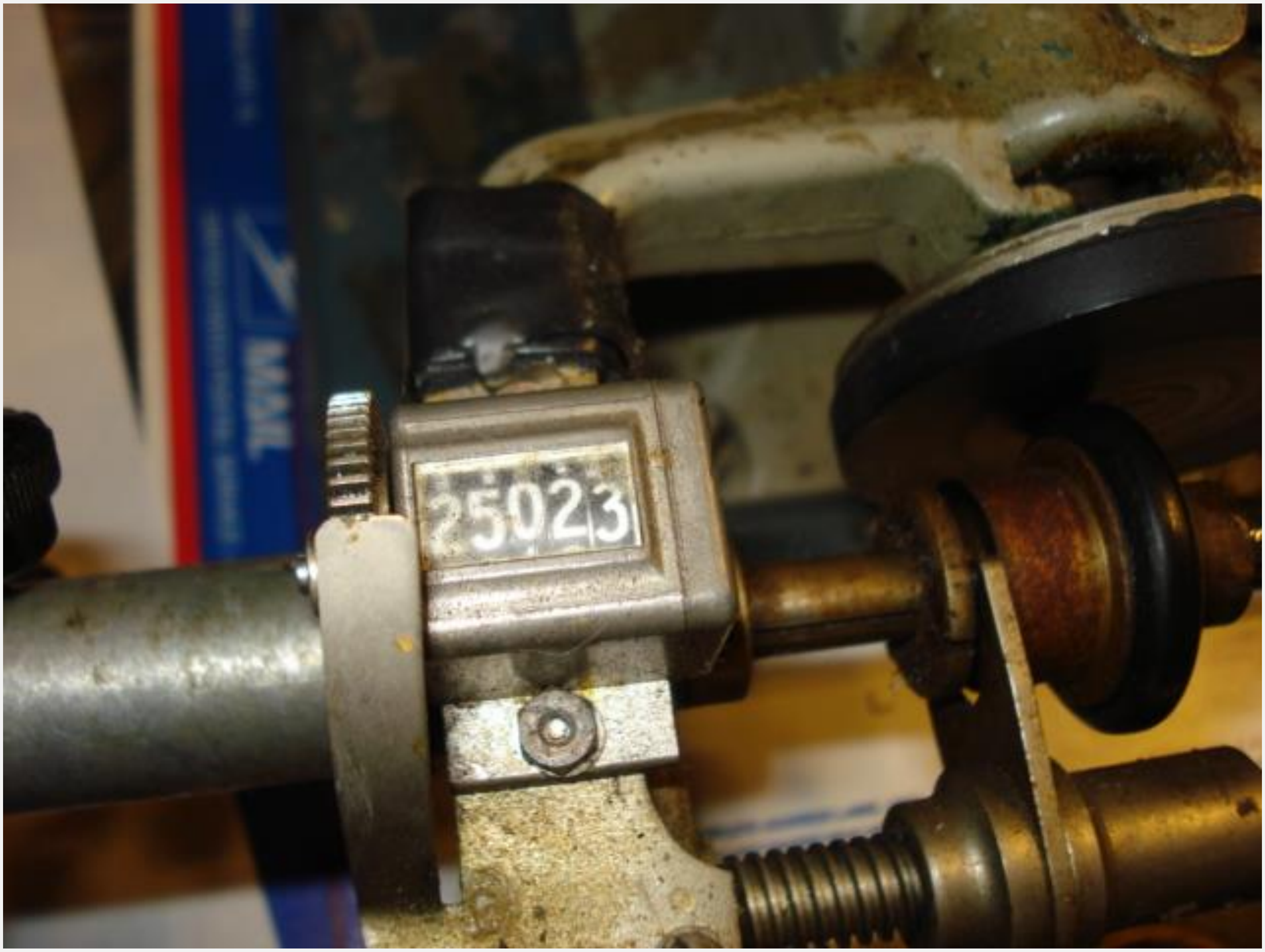
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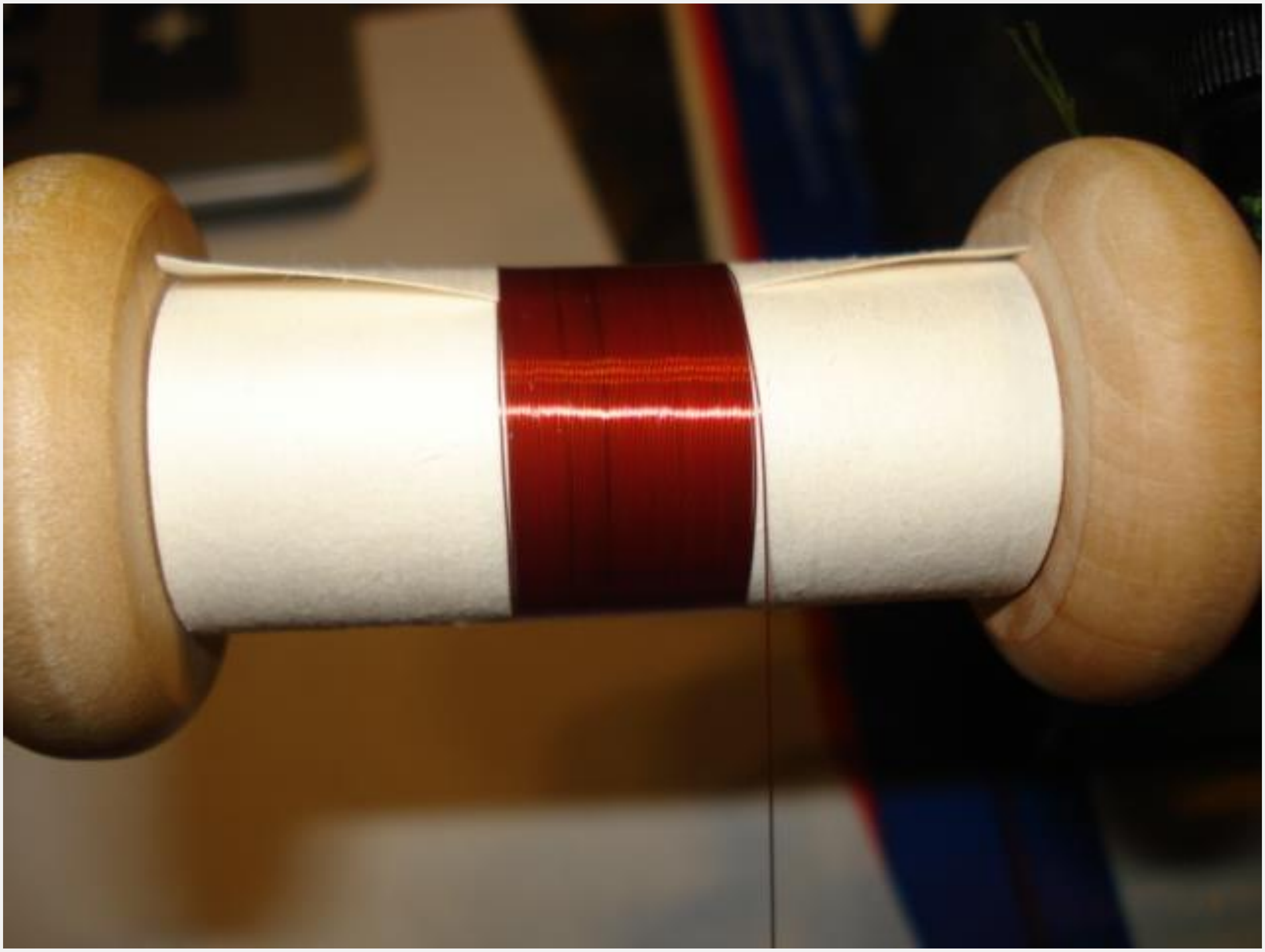

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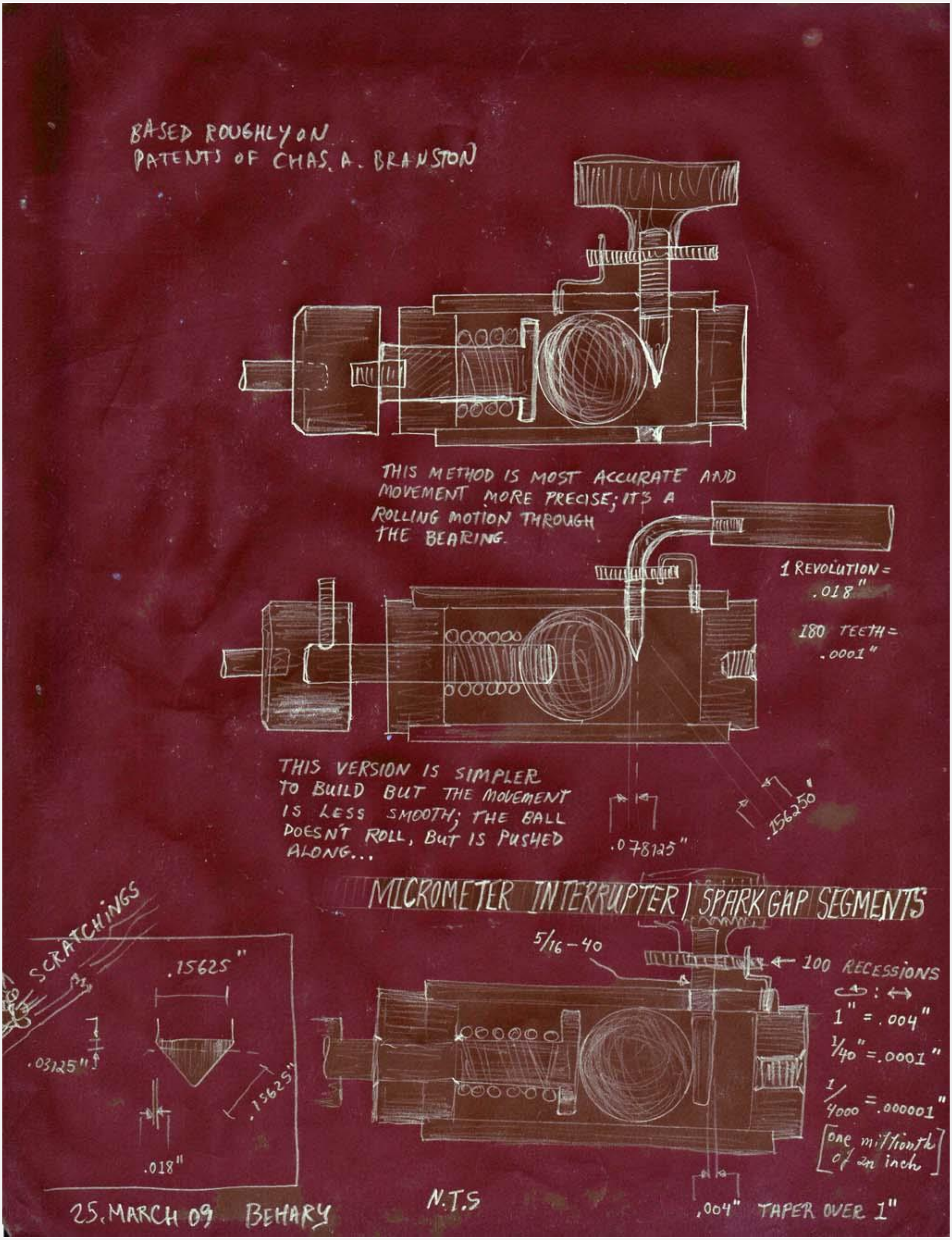


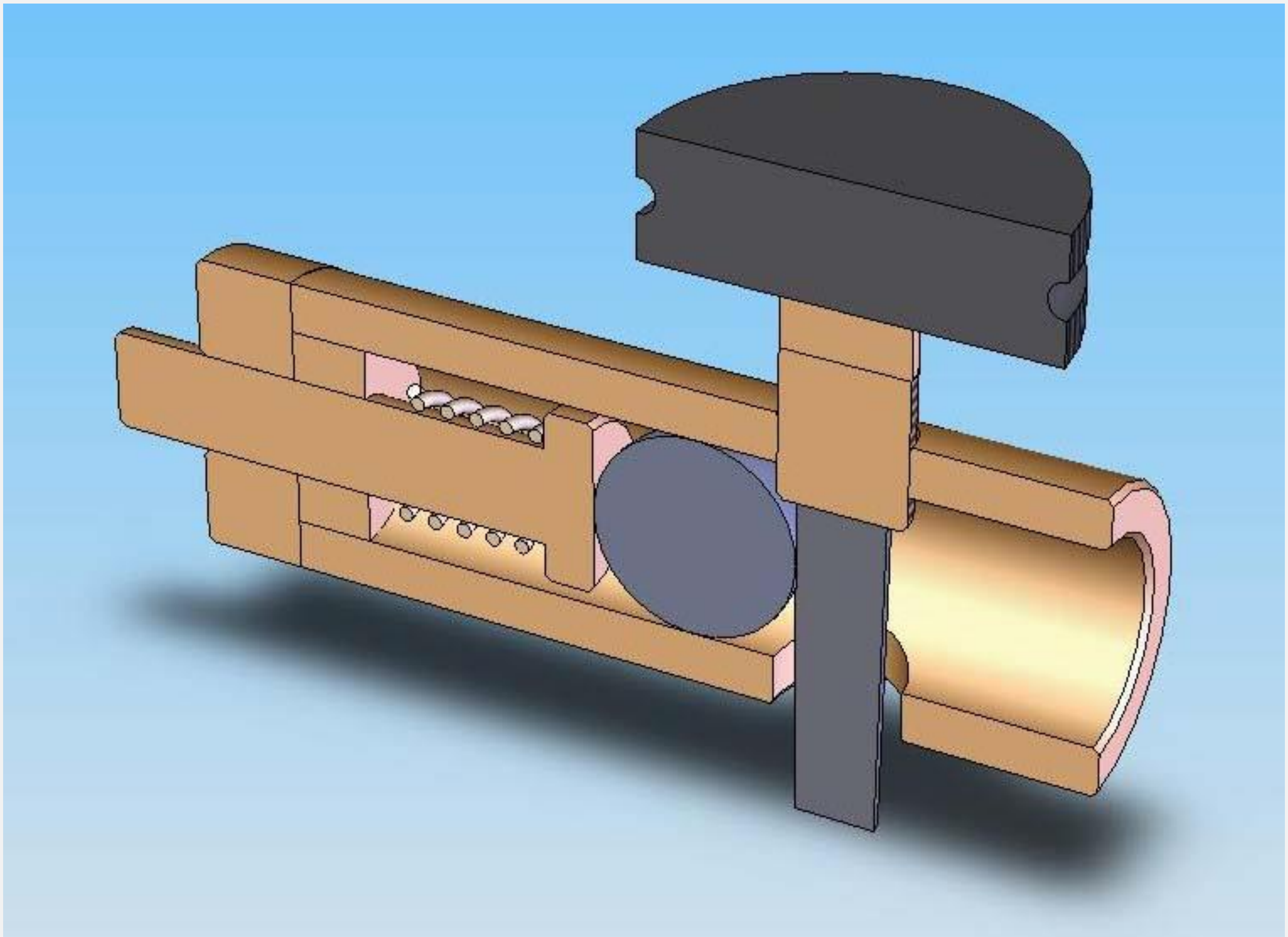
BASED ROUGHLY ON
PATENTS OF CHAS. A. BRANSTON

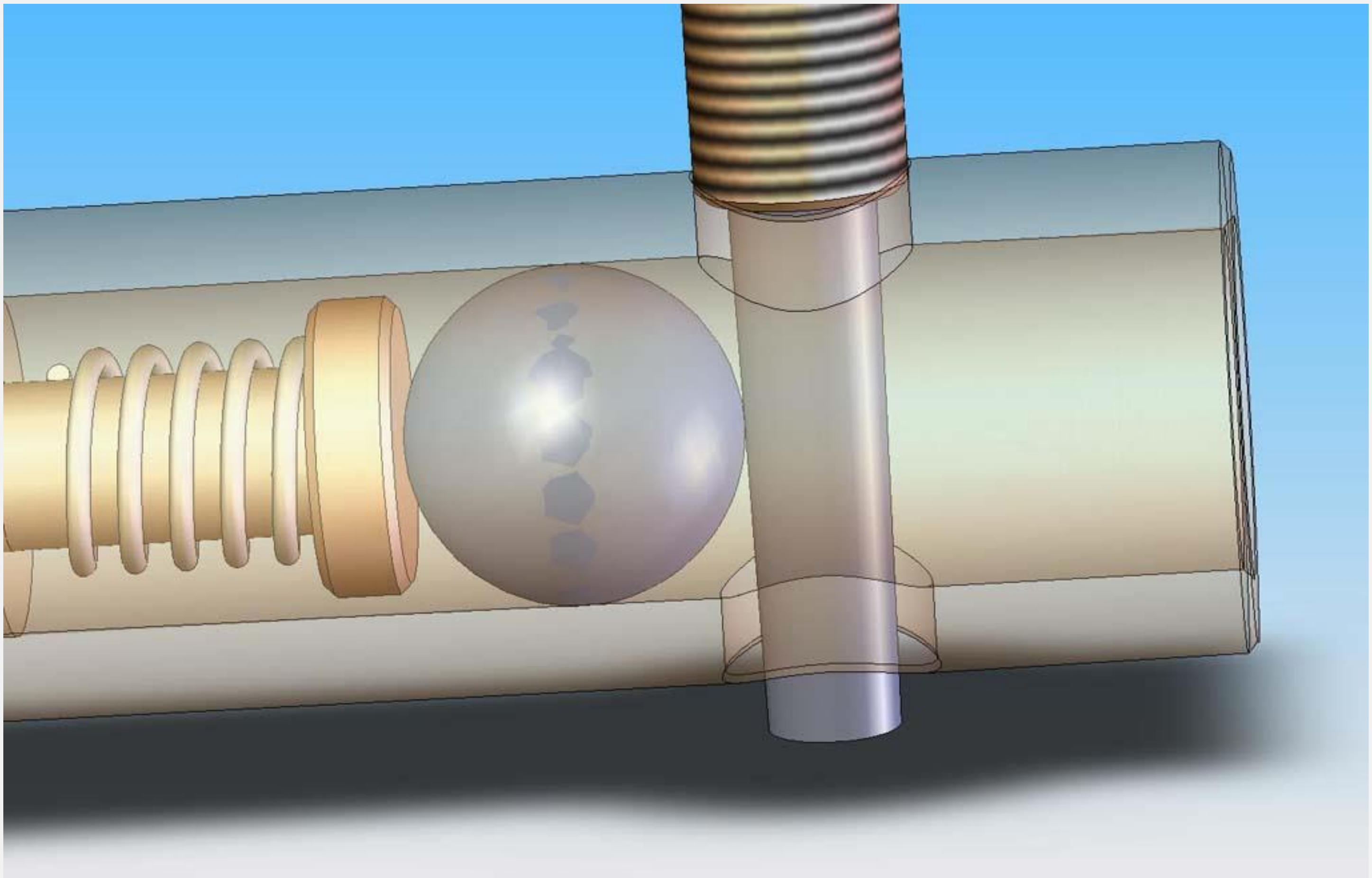
THIS METHOD IS MOST ACCURATE AND MOVEMENT MORE PRECISE; IT'S A ROLLING MOTION THROUGH THE BEARING.

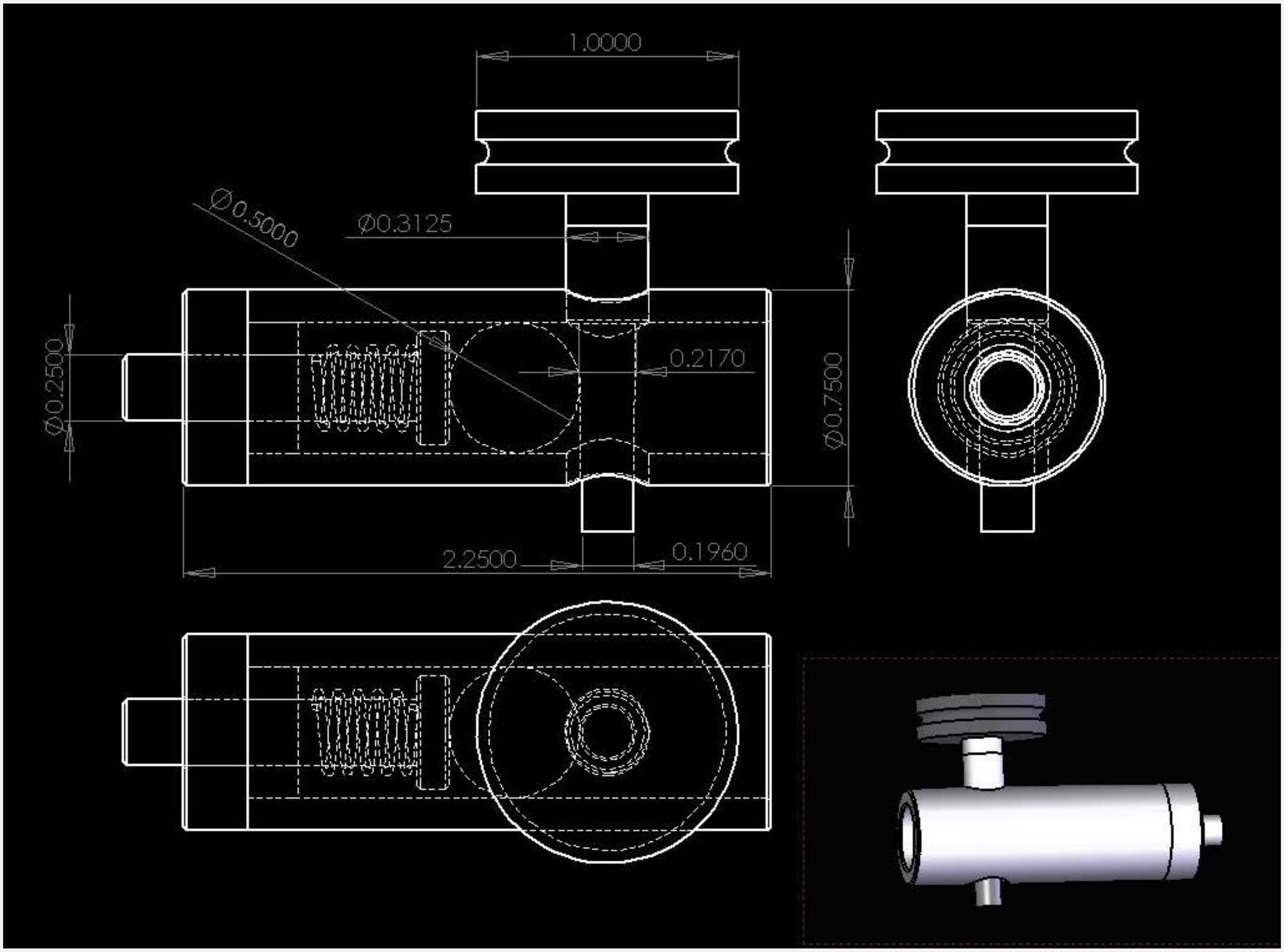
THIS VERSION IS SIMPLER TO BUILD BUT THE MOVEMENT IS LESS SMOOTH; THE BALL DOESN'T ROLL, BUT IS PUSHED ALONG...

MICROMETER INTERRUPTER | SPARK GAP SEGMENTS

25. MARCH 09 BEHARY



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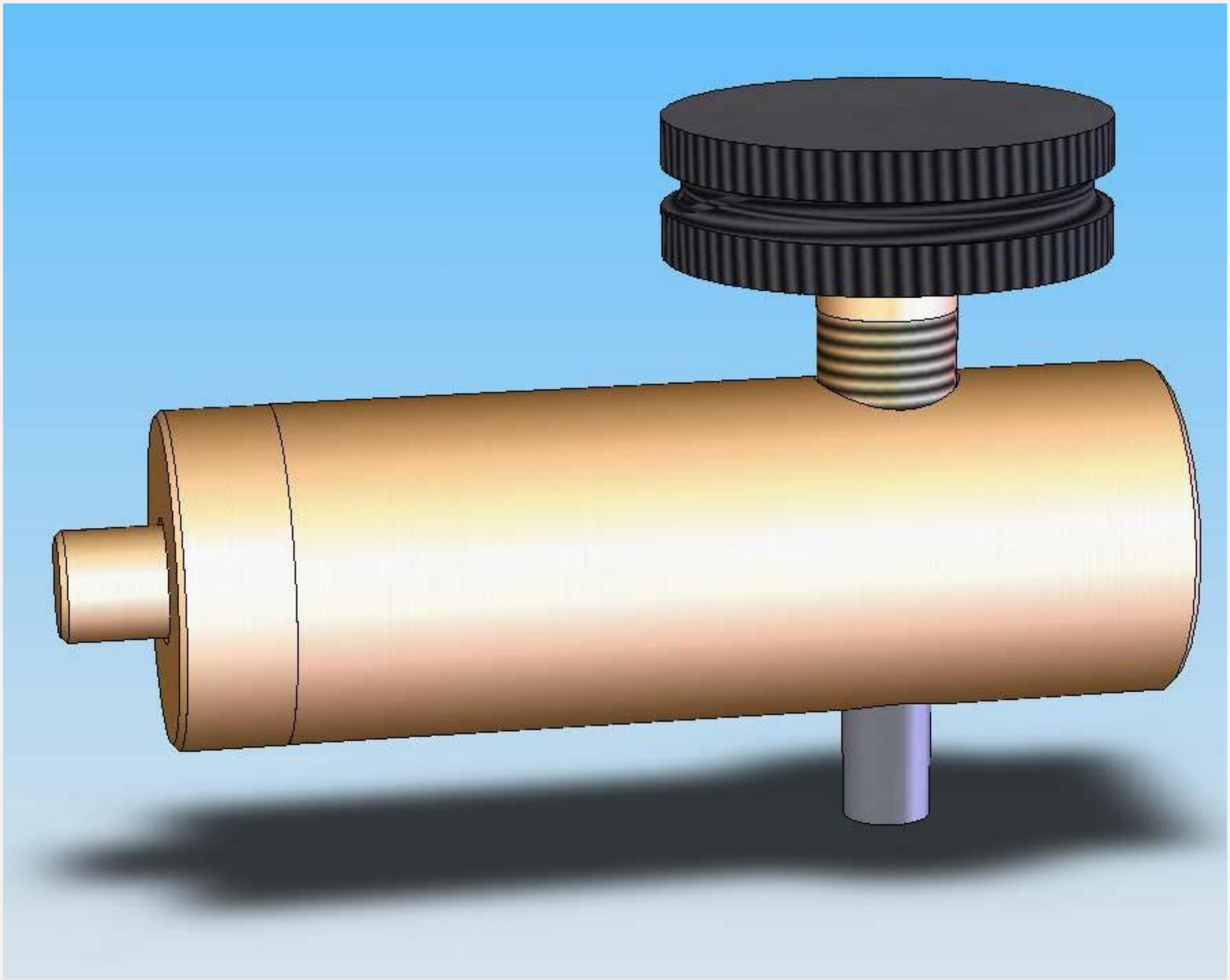
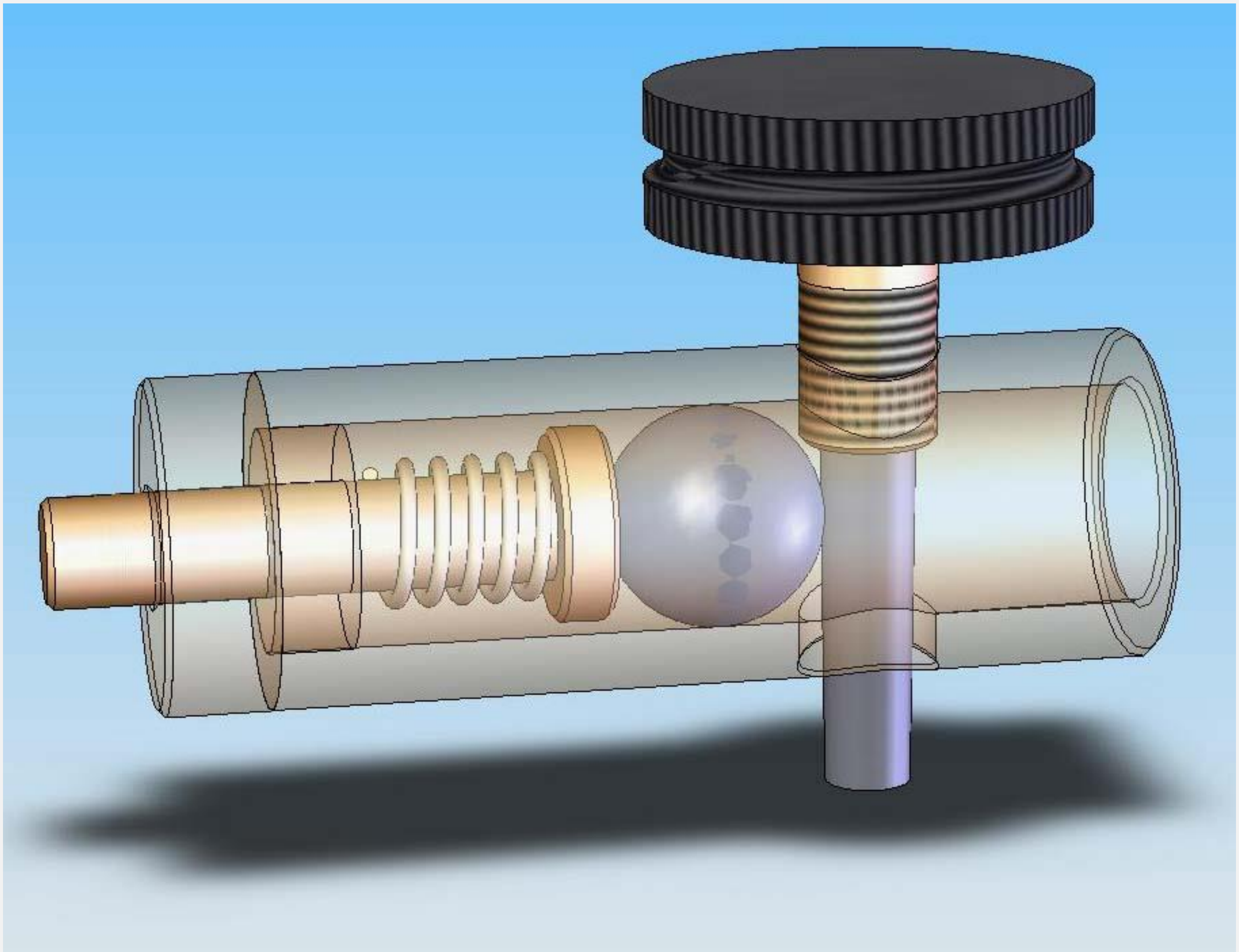
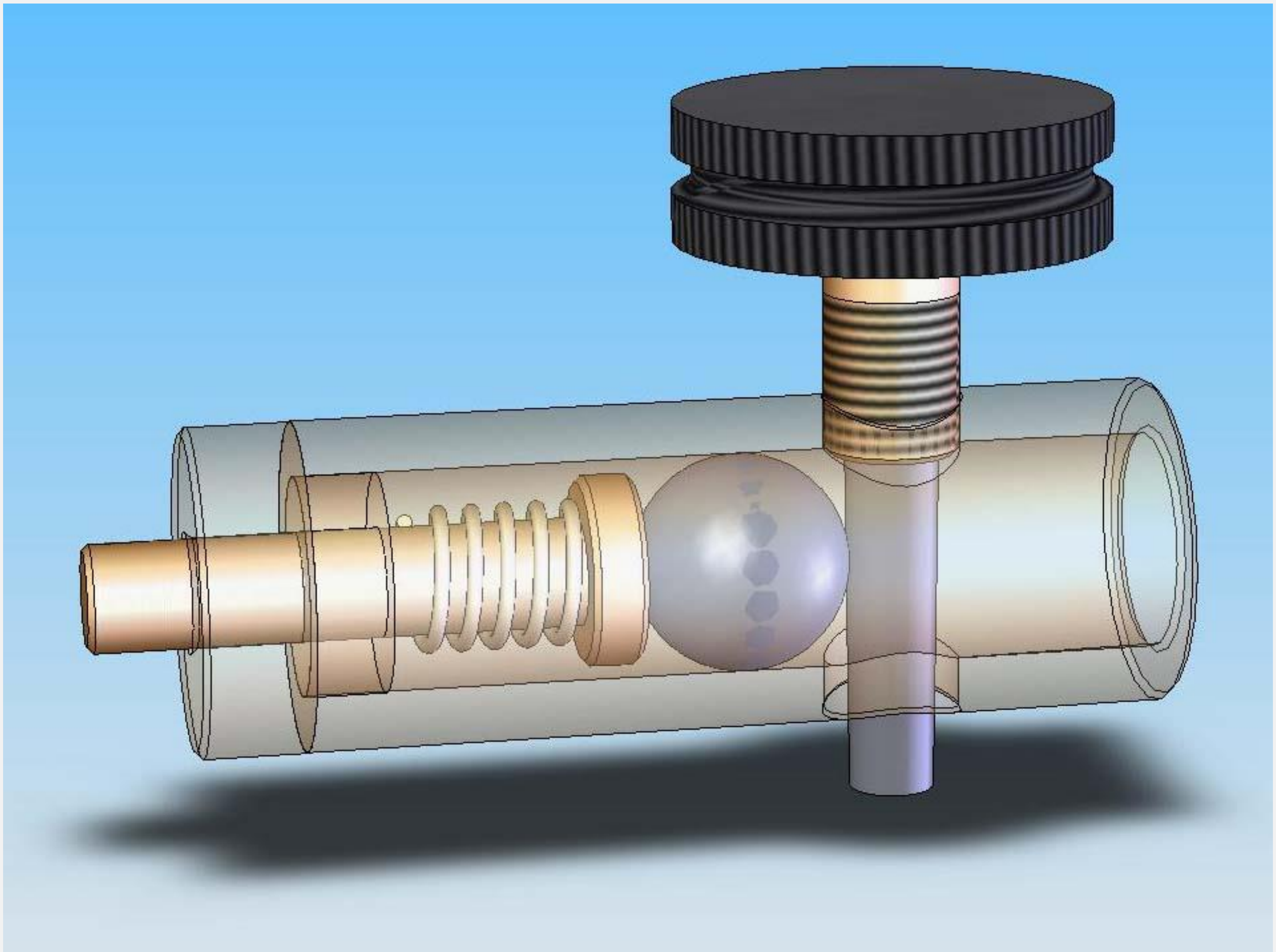
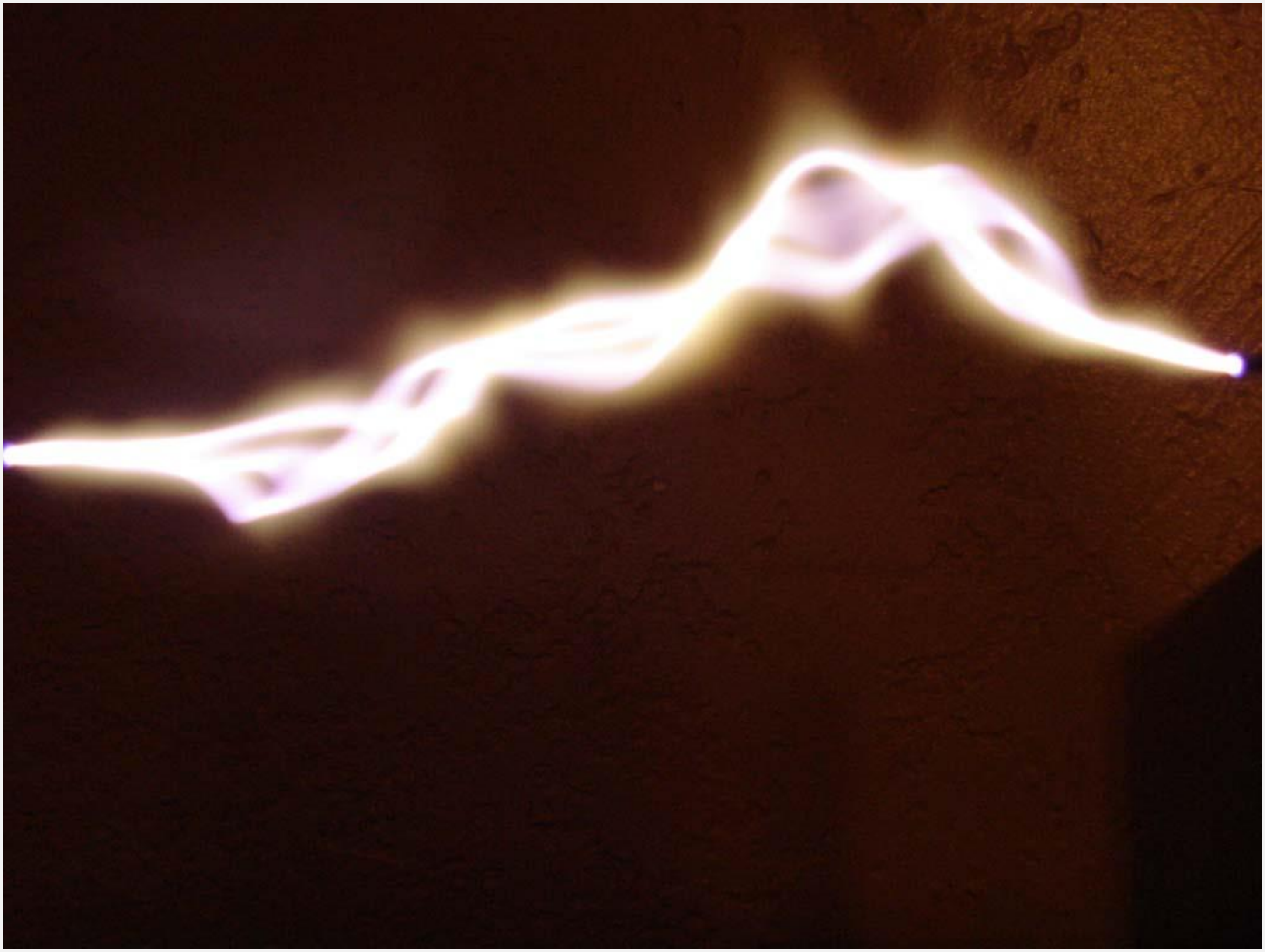
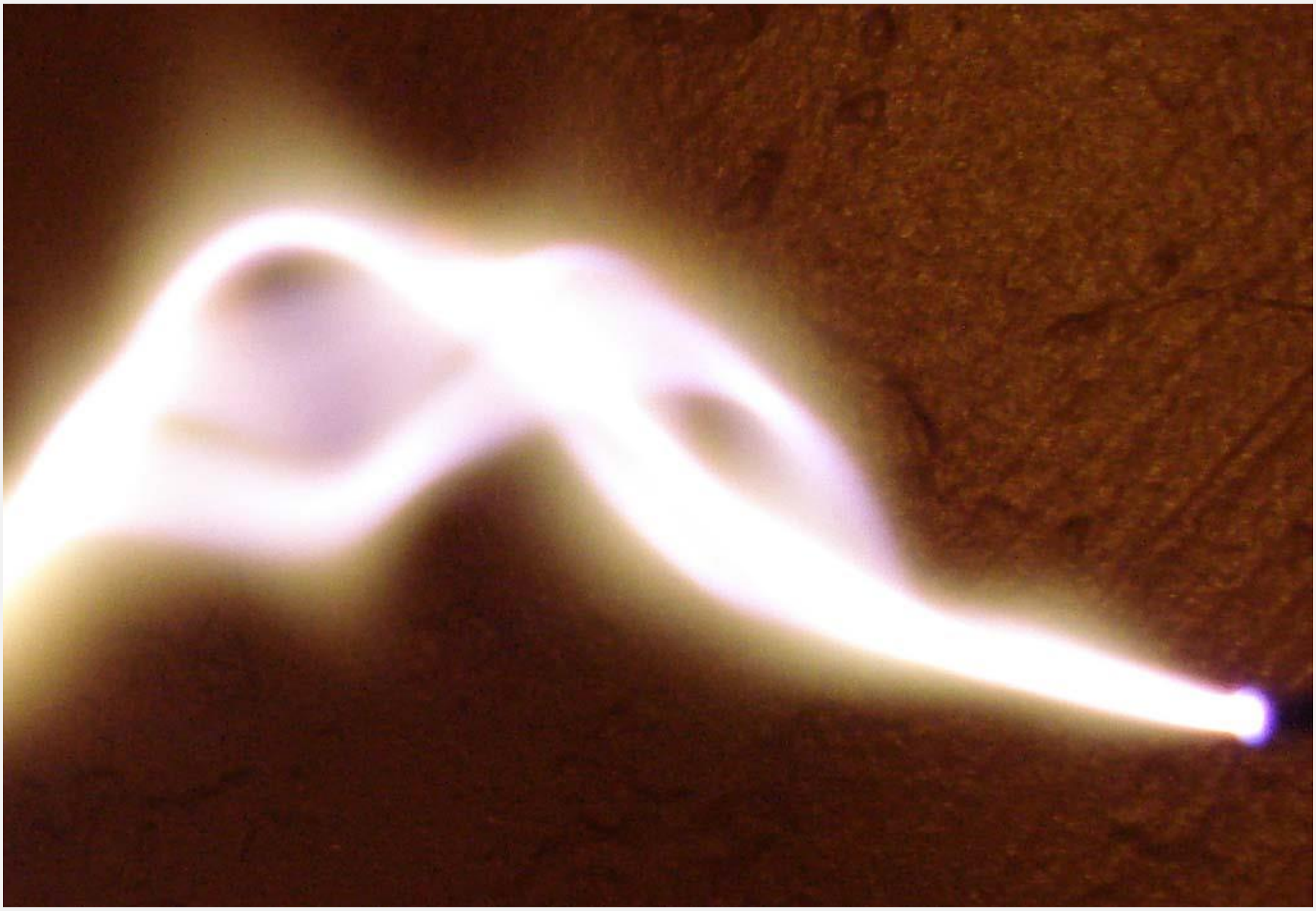
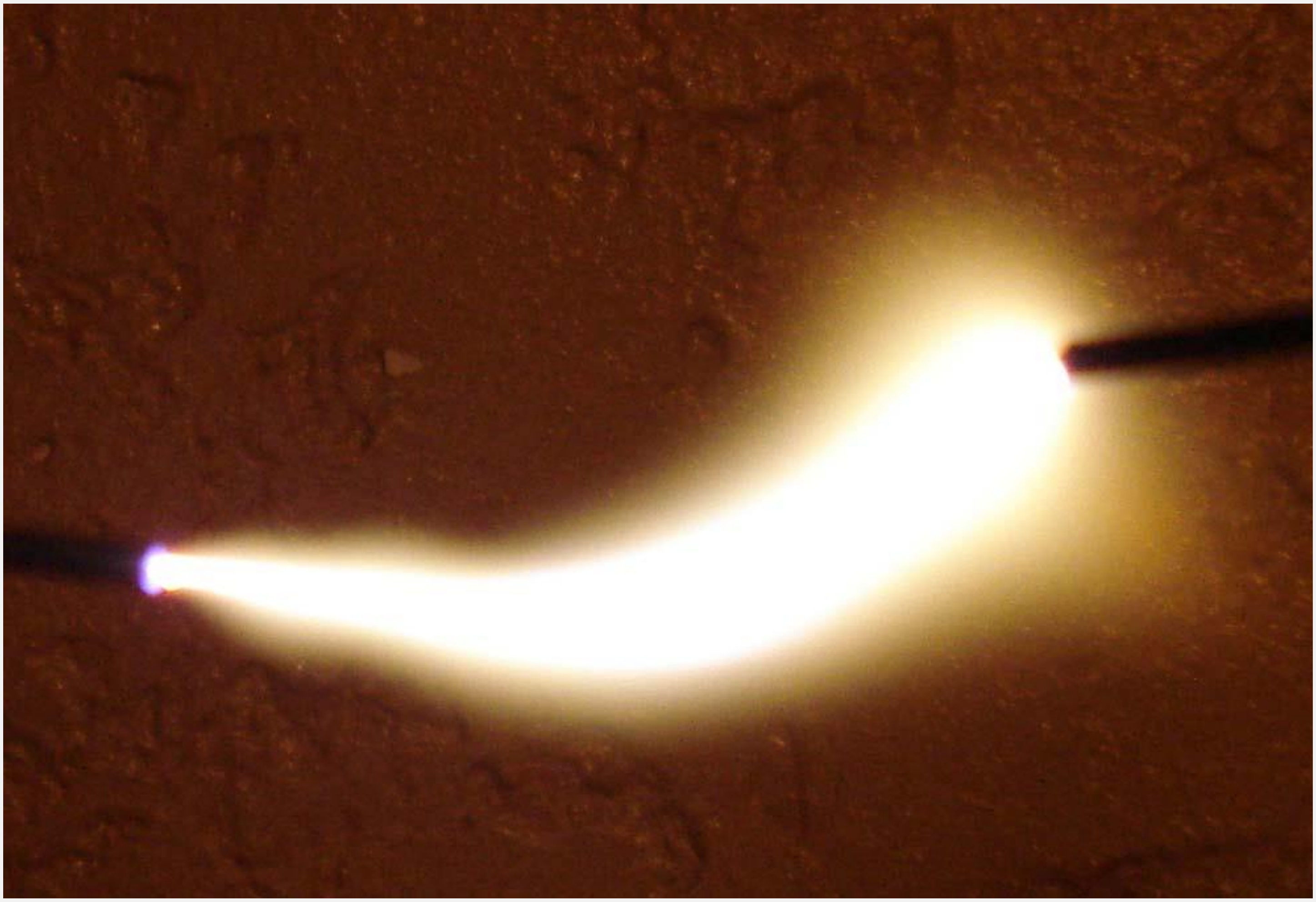


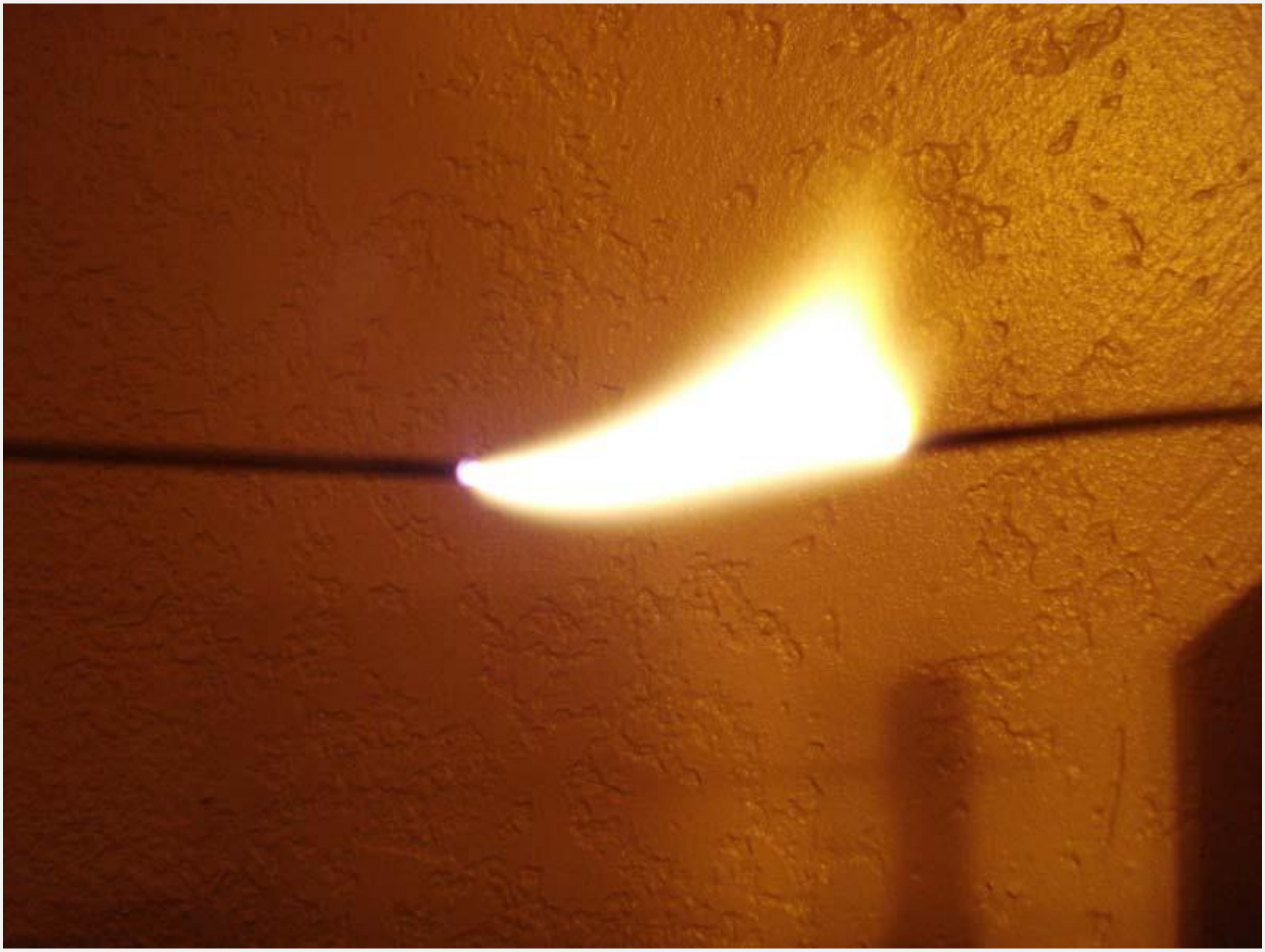


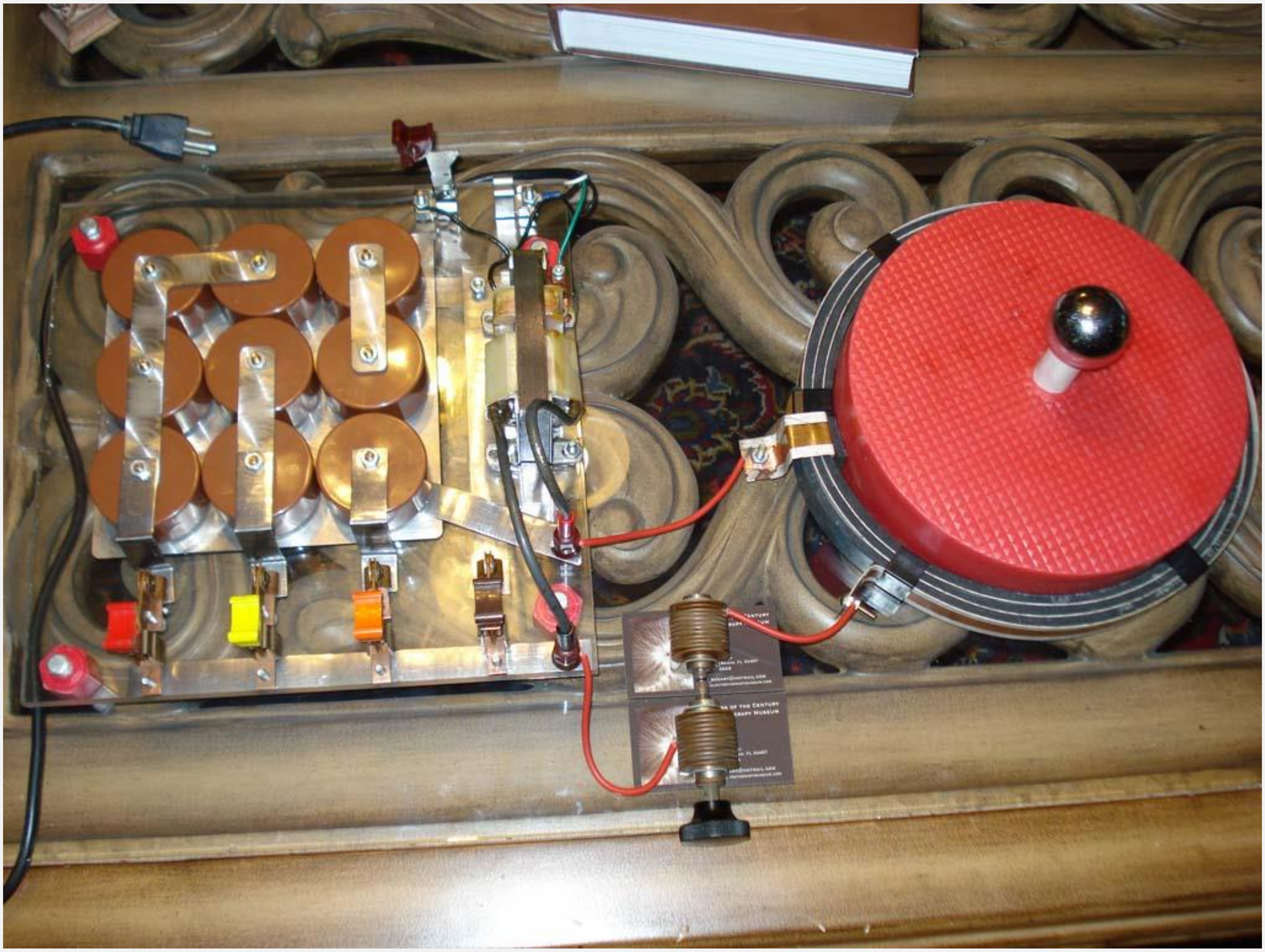


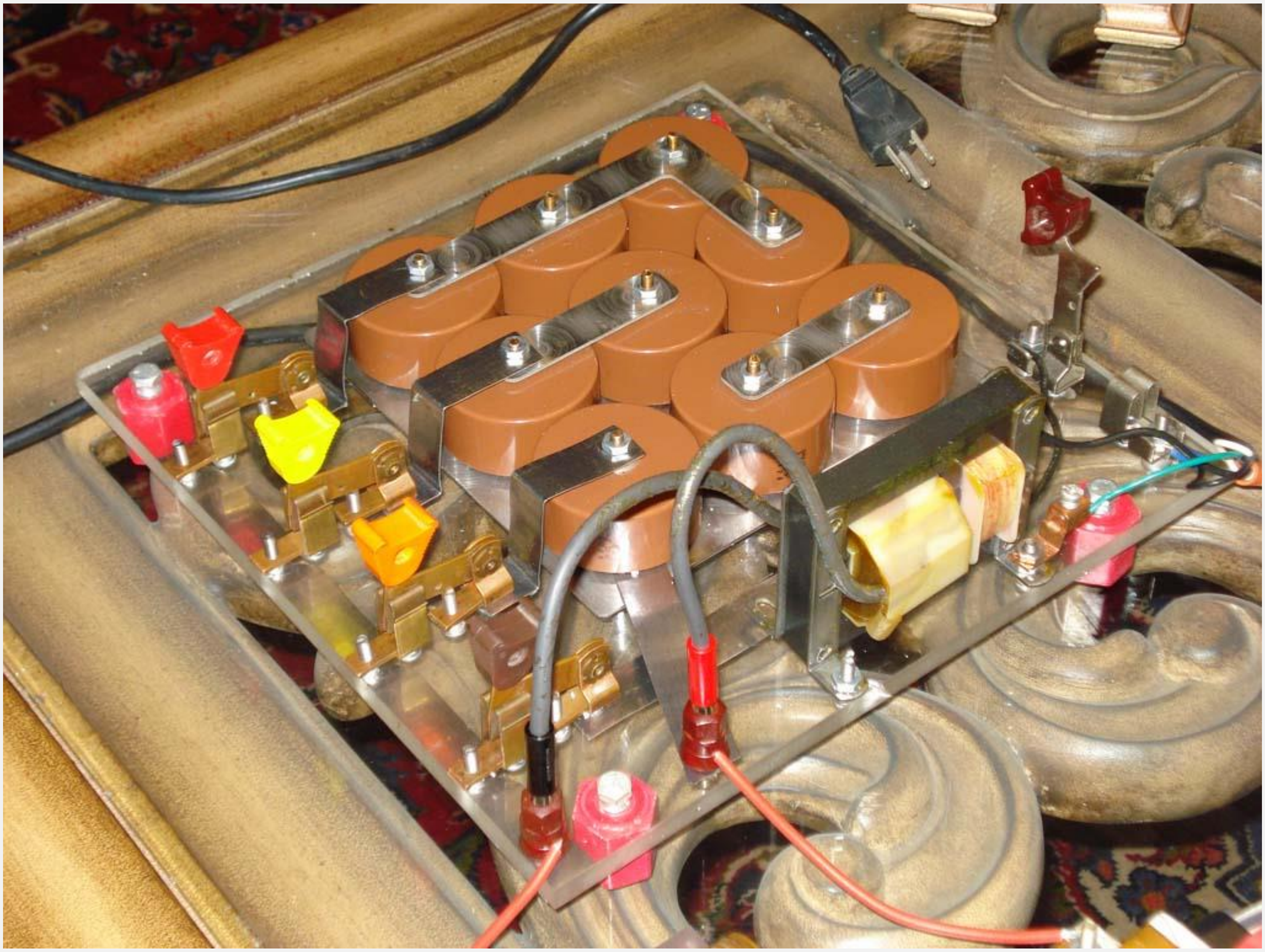


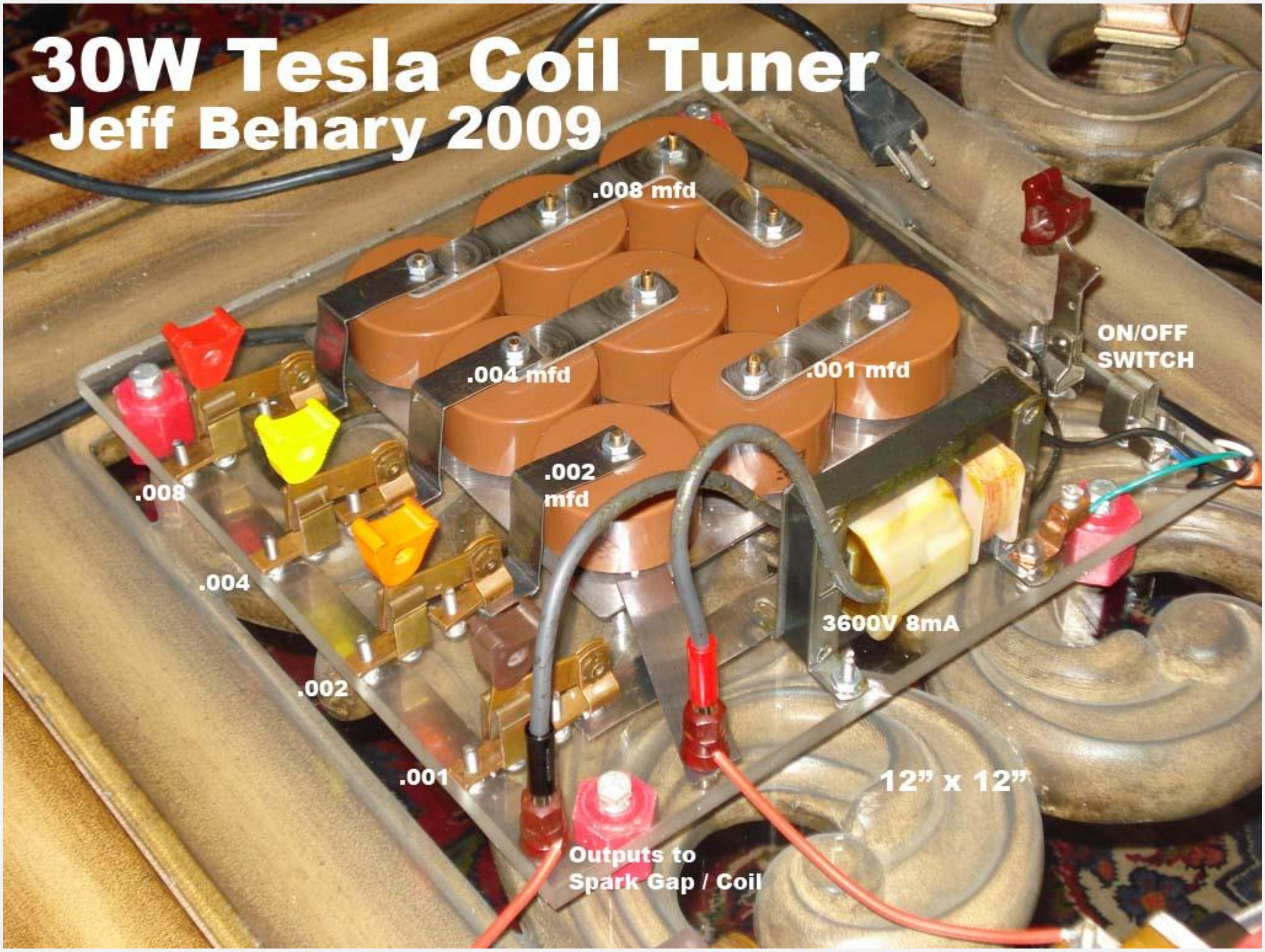


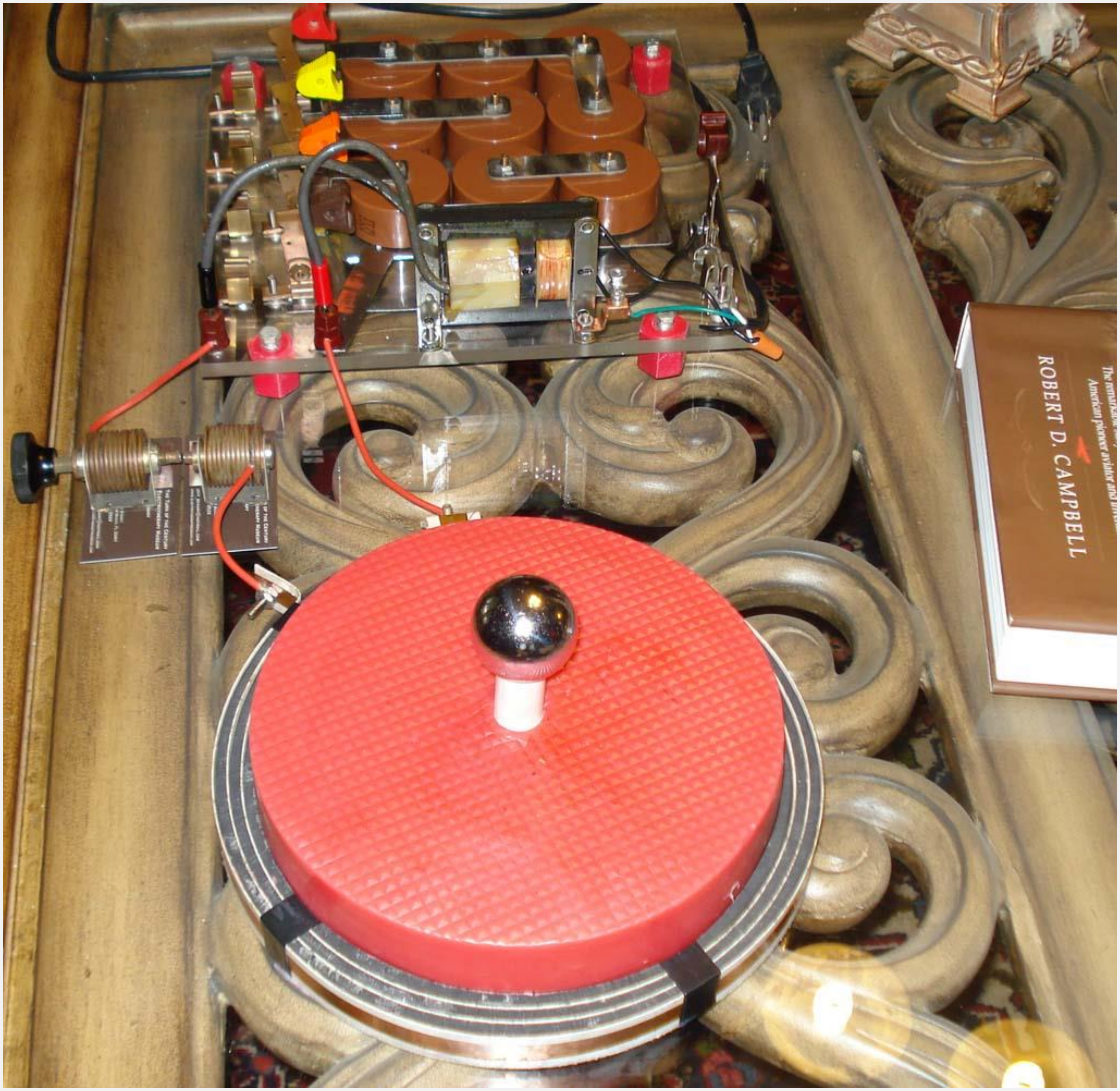


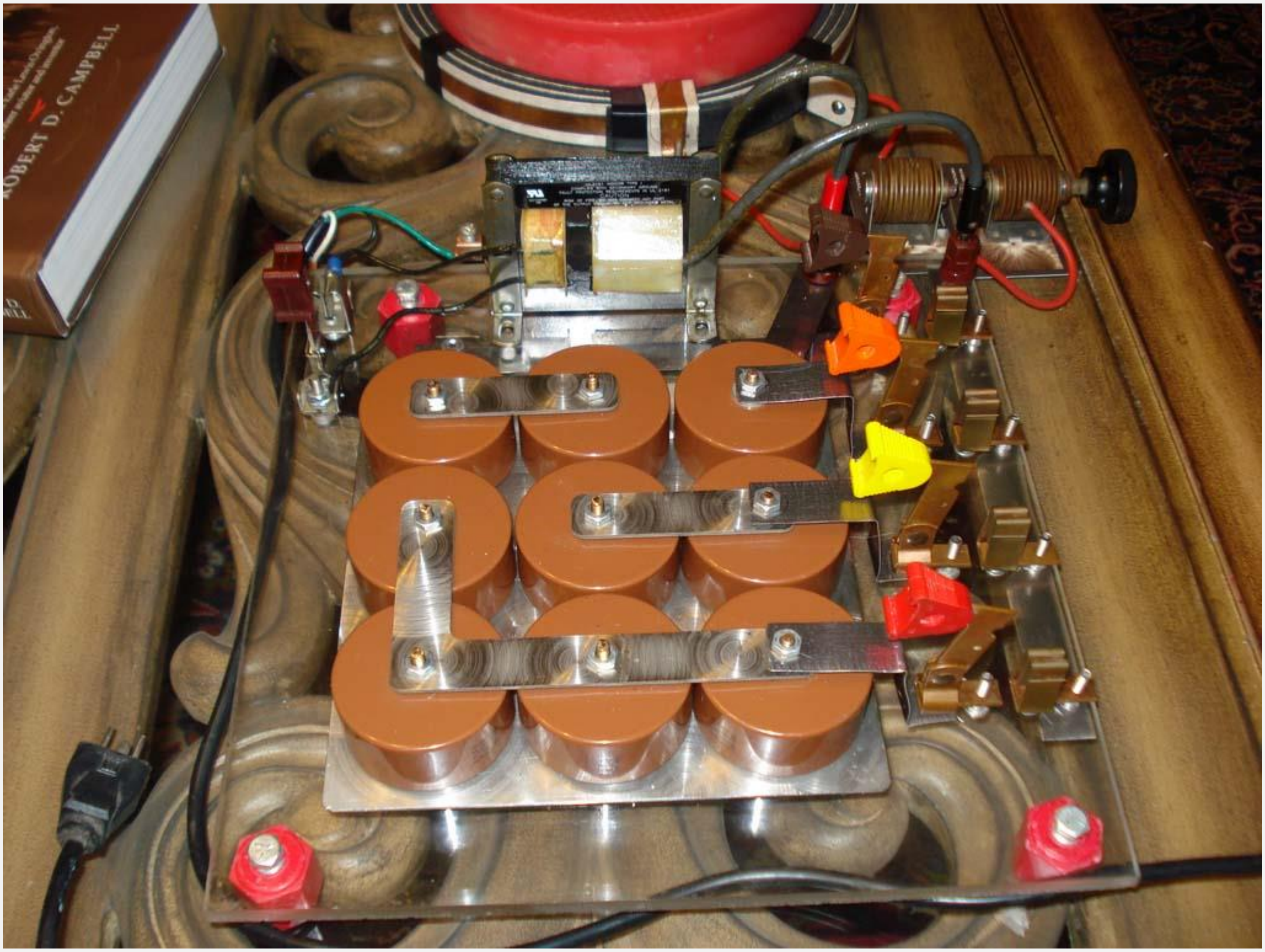







30W Tesla Coil Tuner
Jeff Behary 2009
.008 mfd
.004 mfd
.001 mfd
.002 mfd
ON/OFF SWITCH
.008
.004
.002
.001
3600V 8mA
12" x 12"
Outputs to Spark Gap / Coil


ROBERT D. CAMPBELL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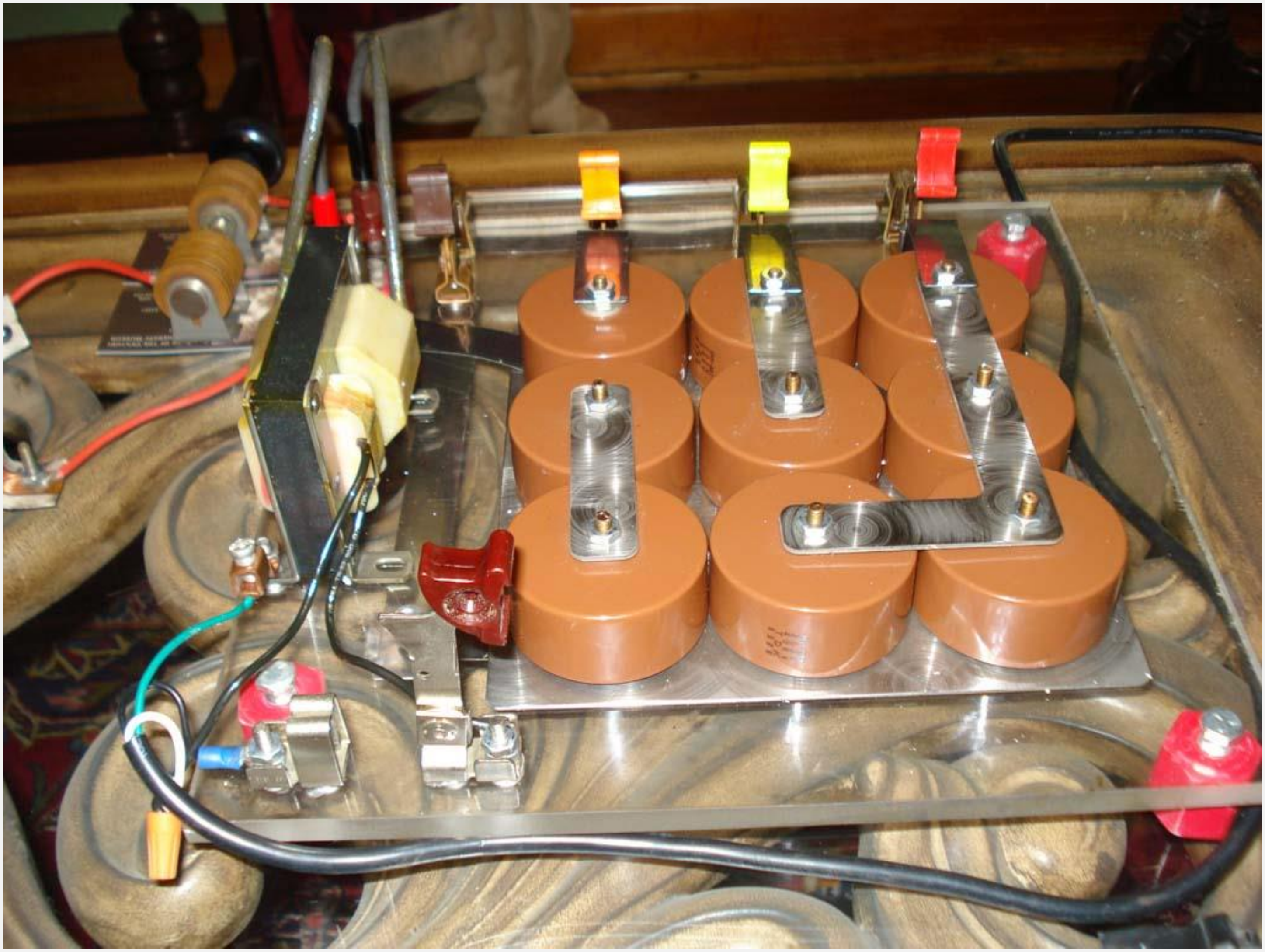

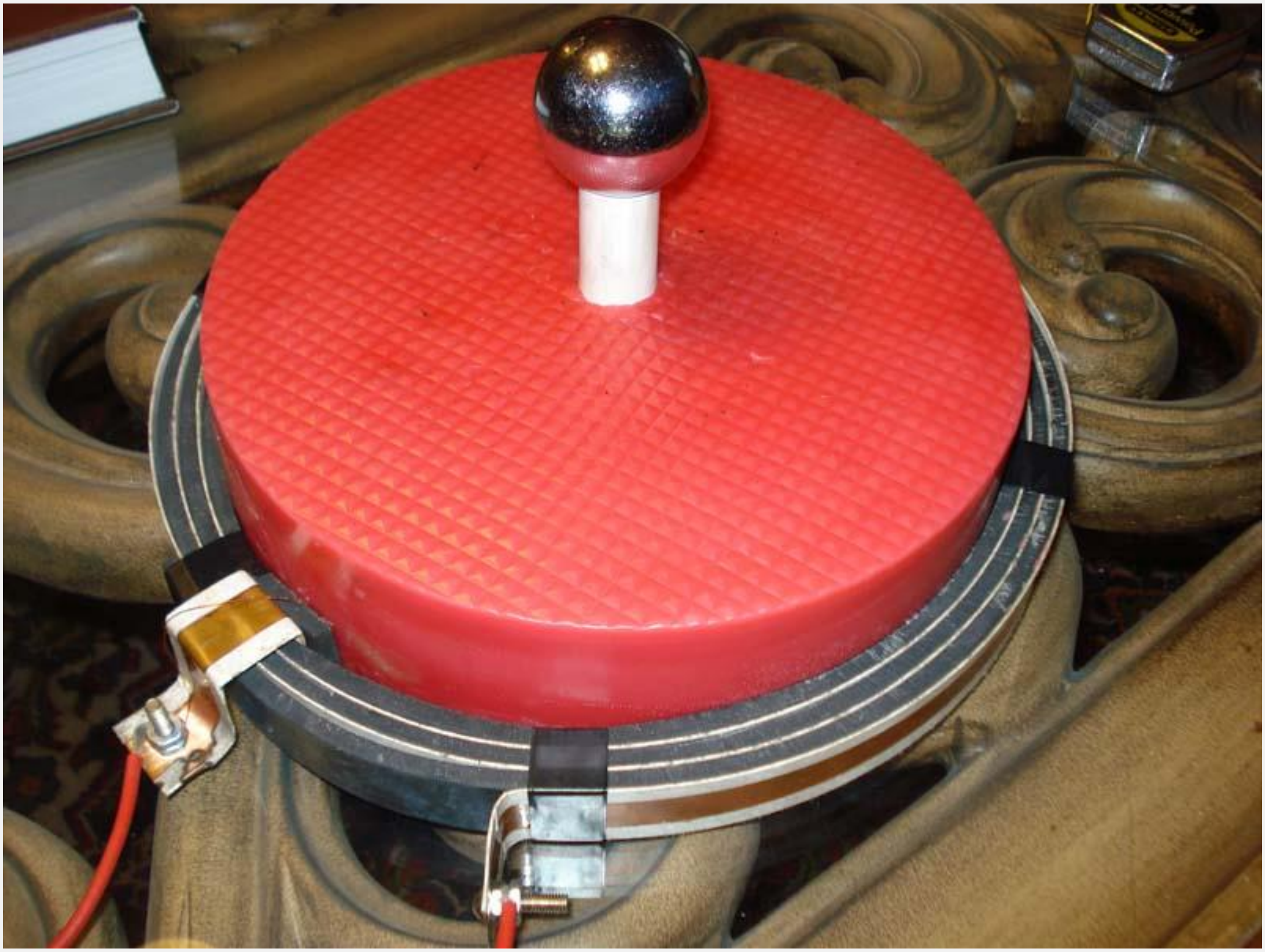

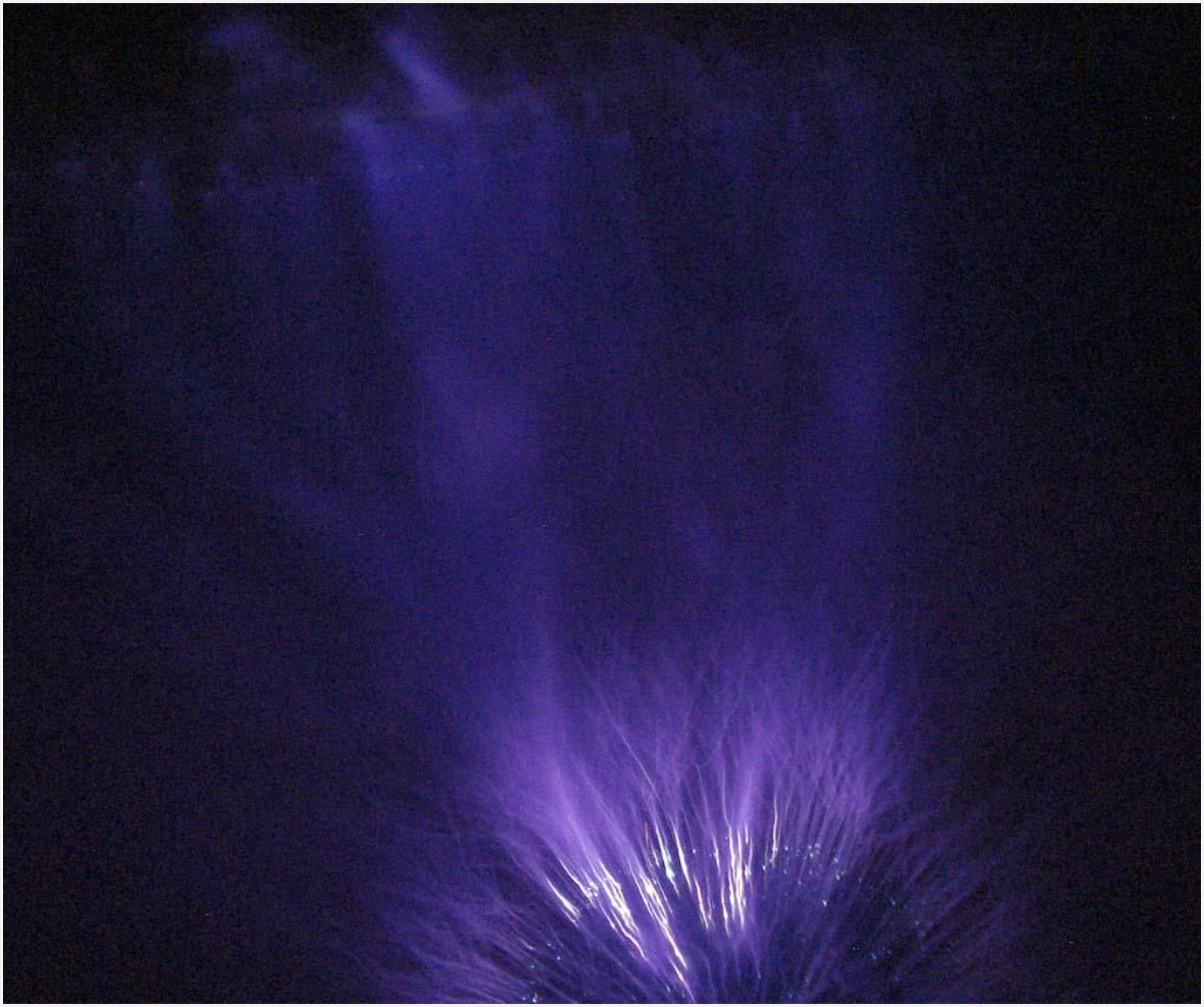

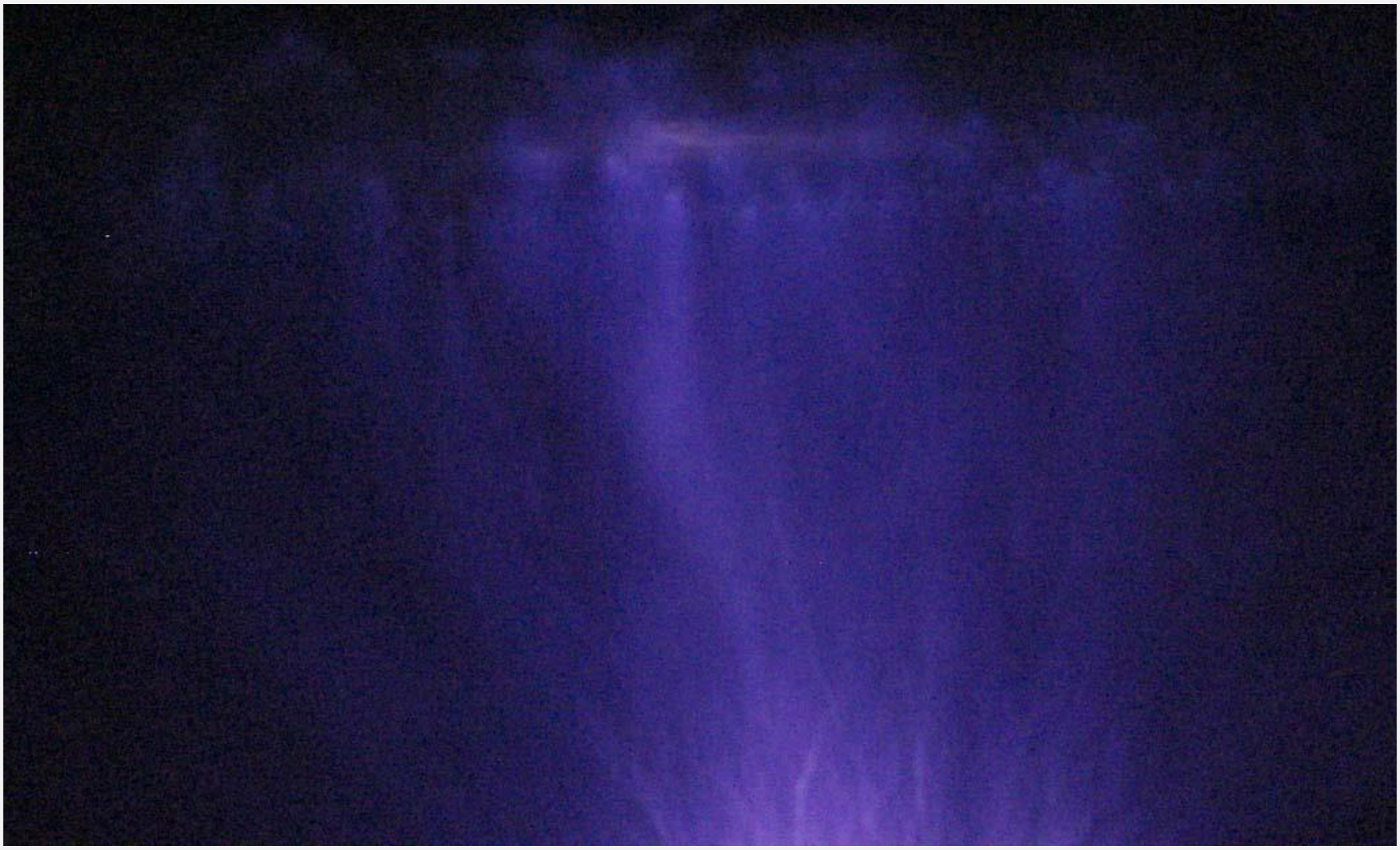

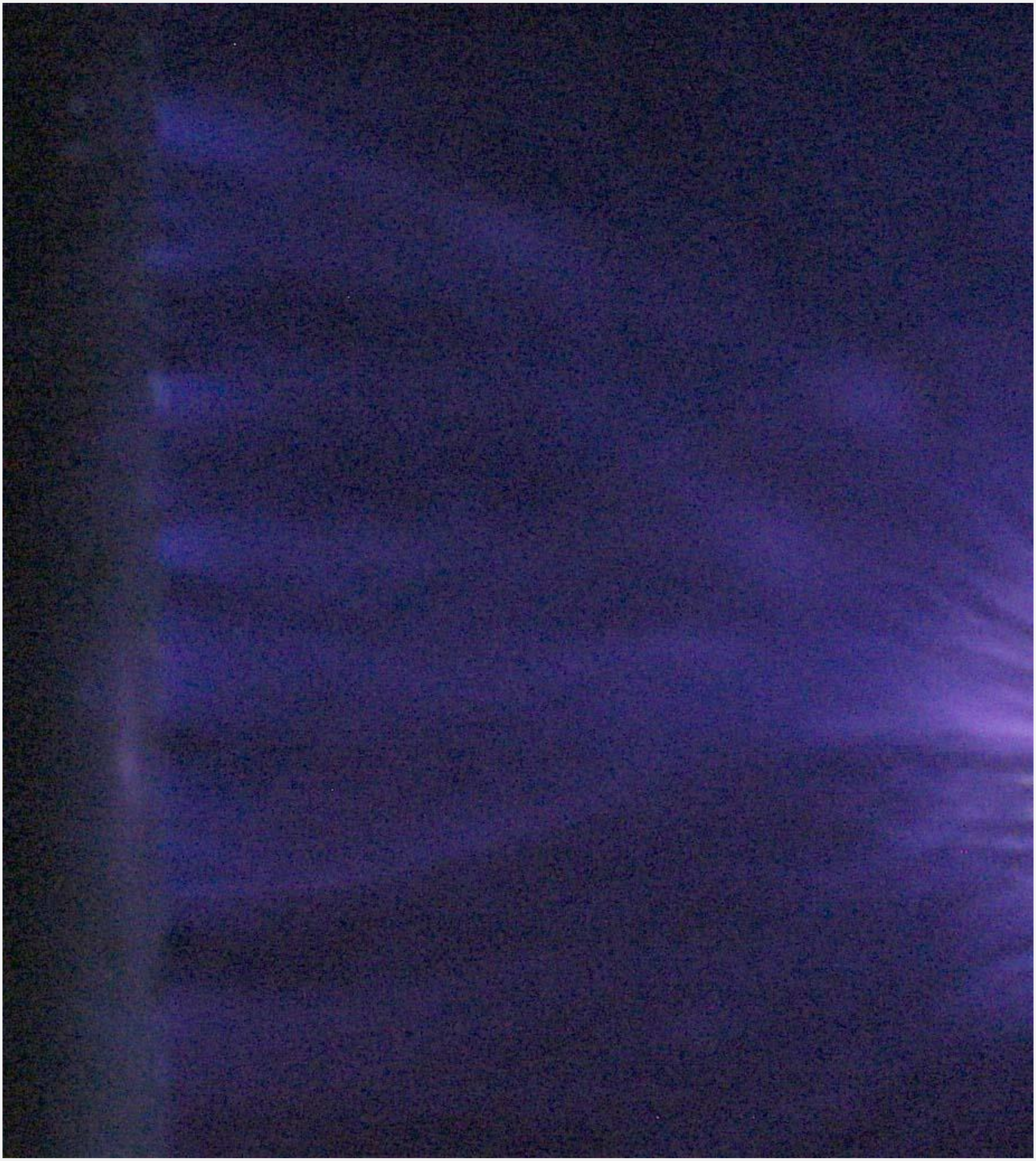

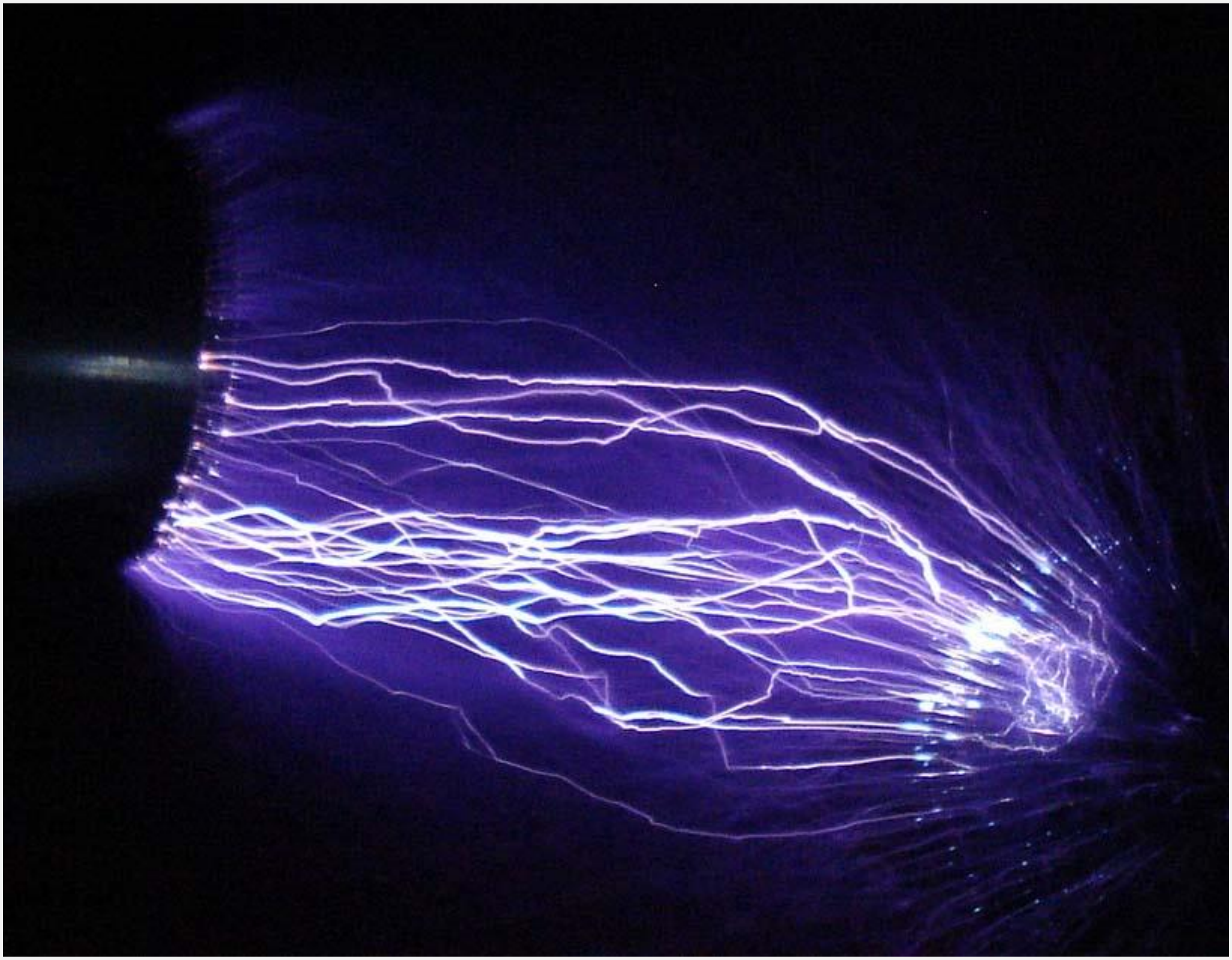

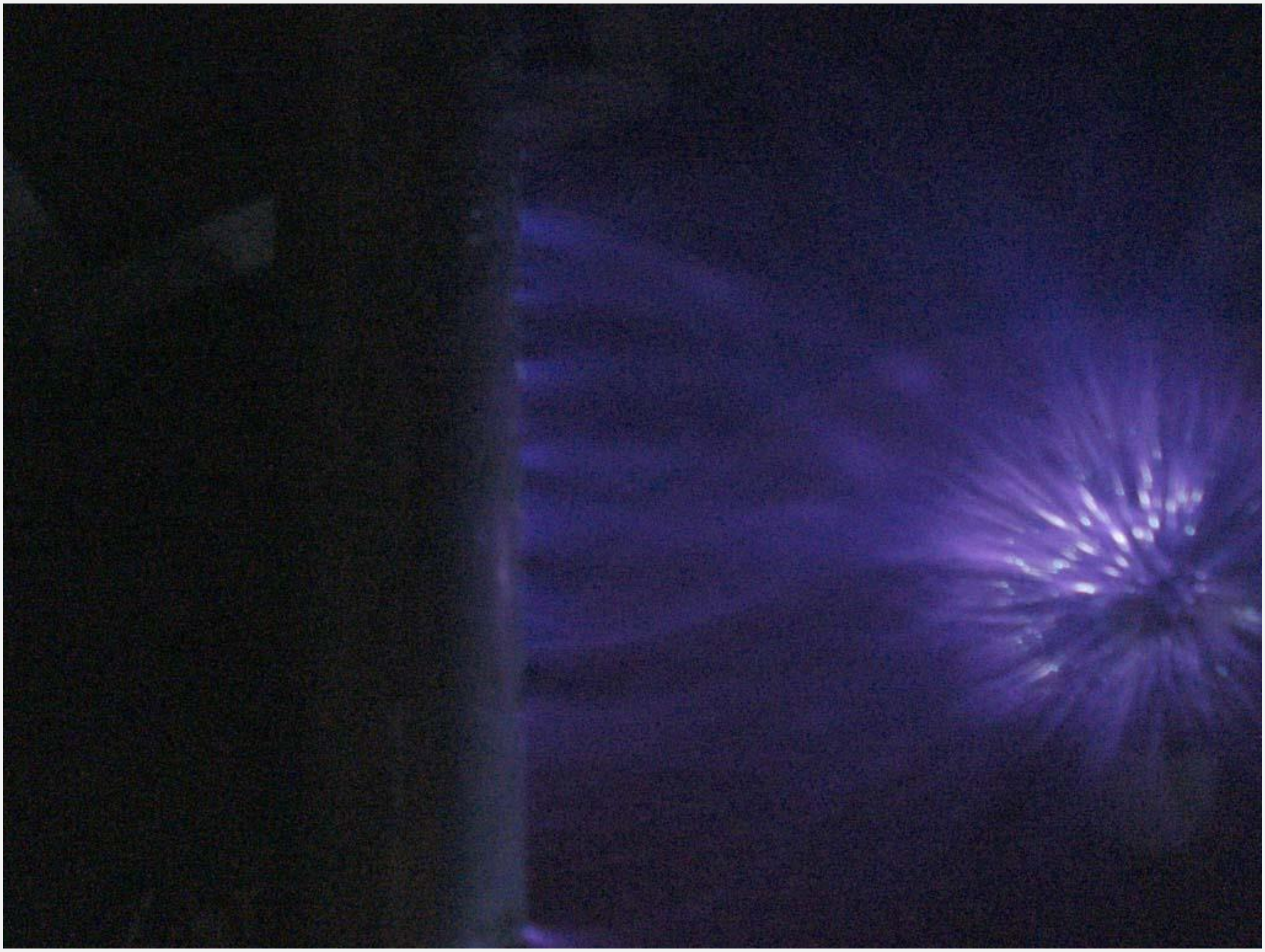

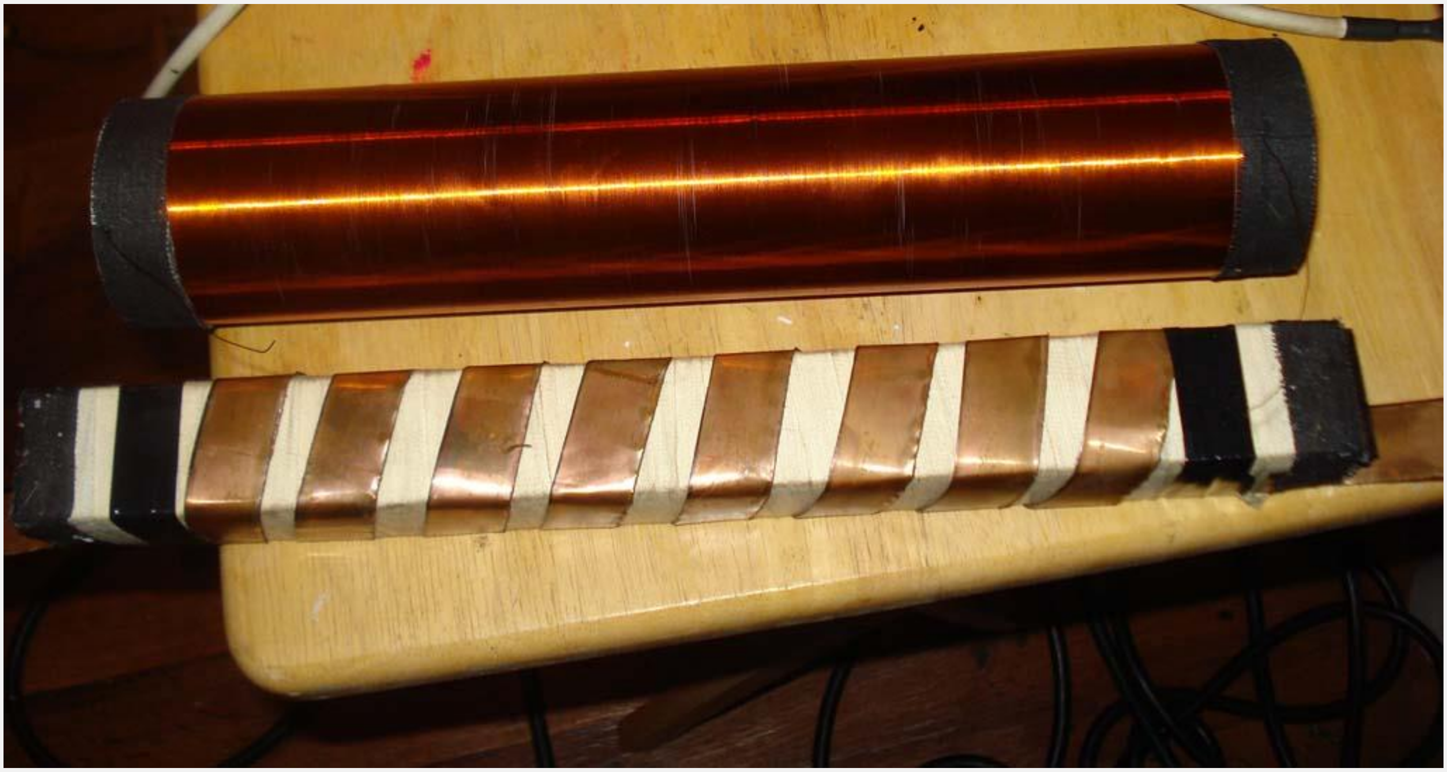

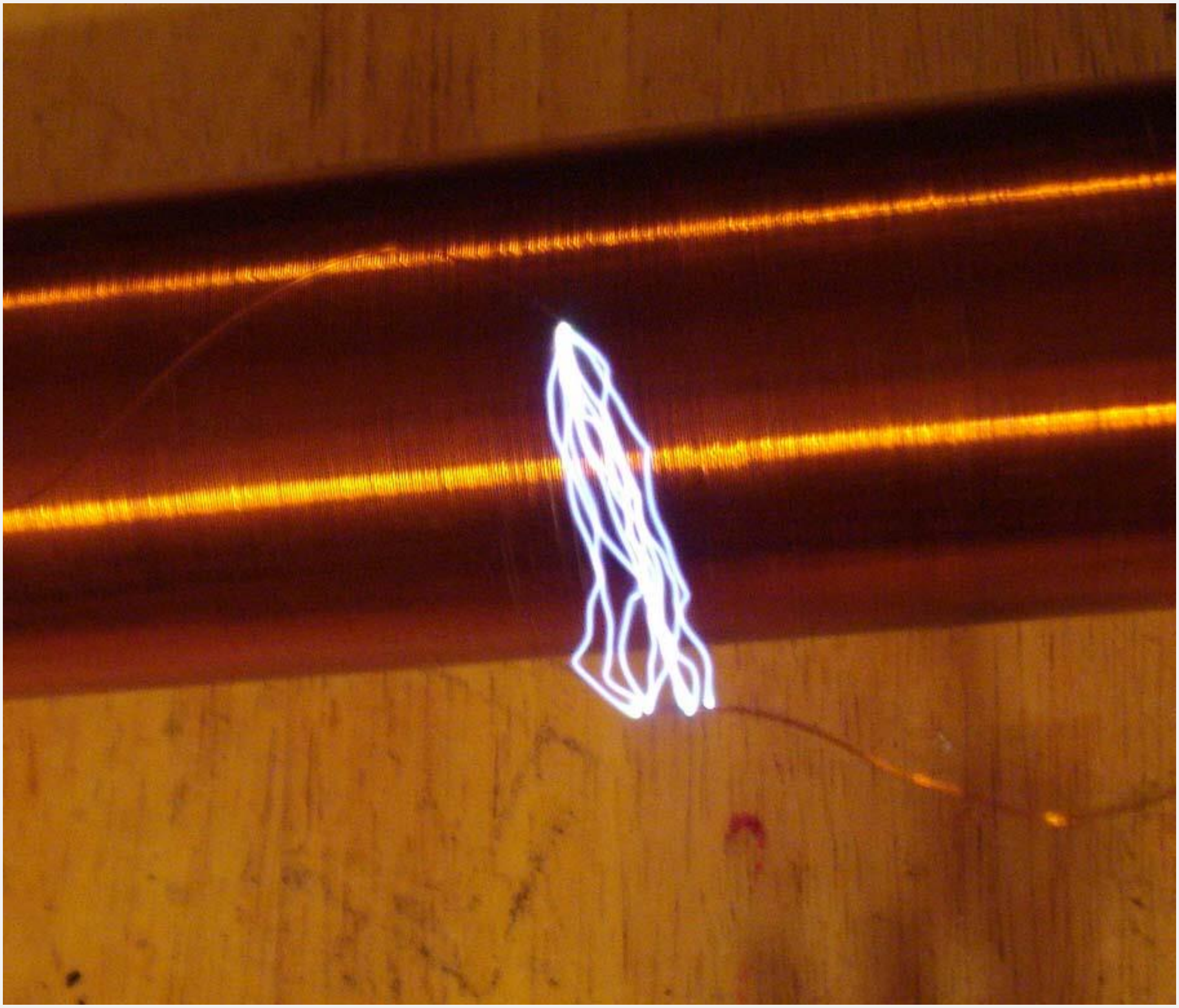

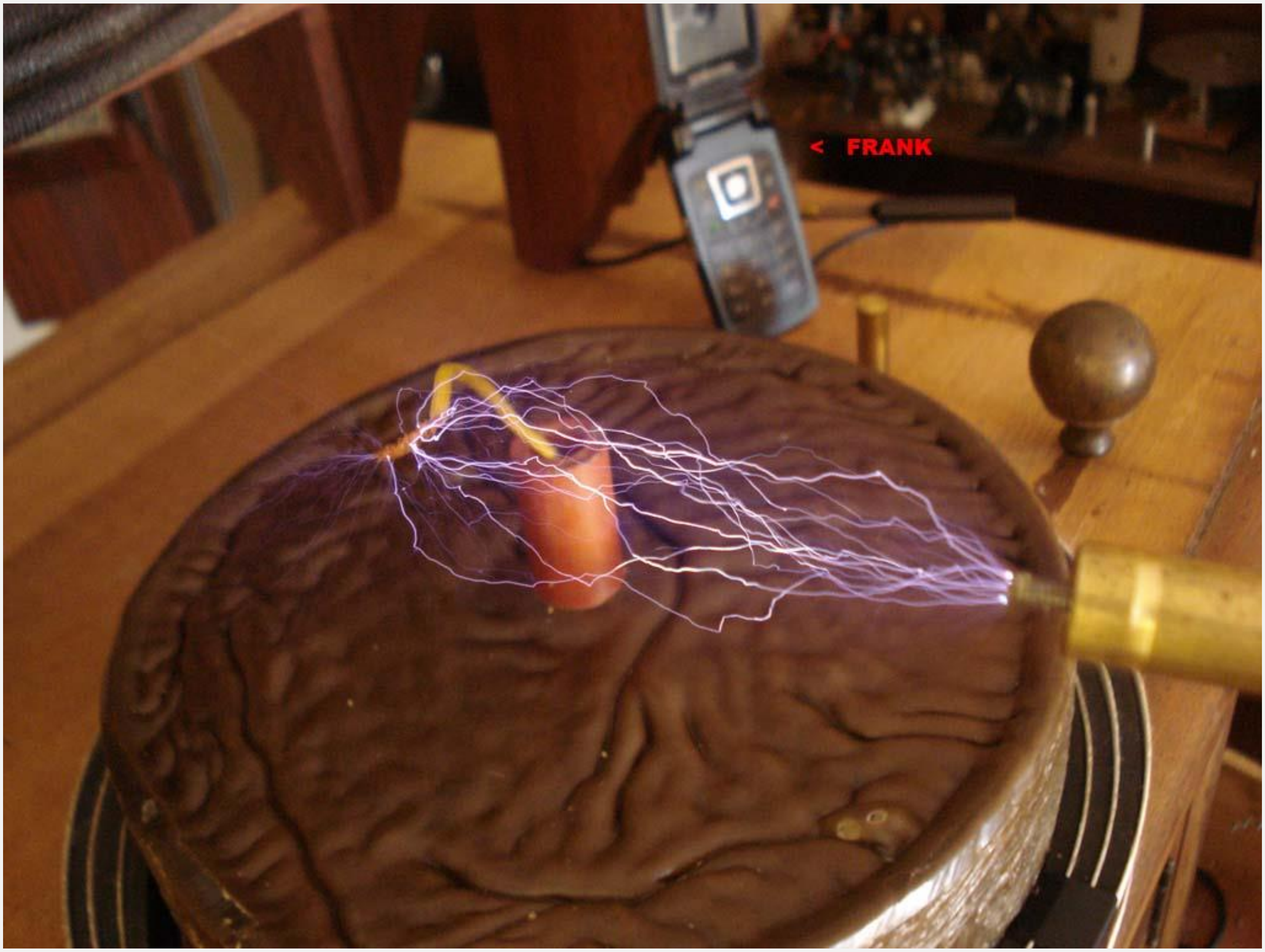
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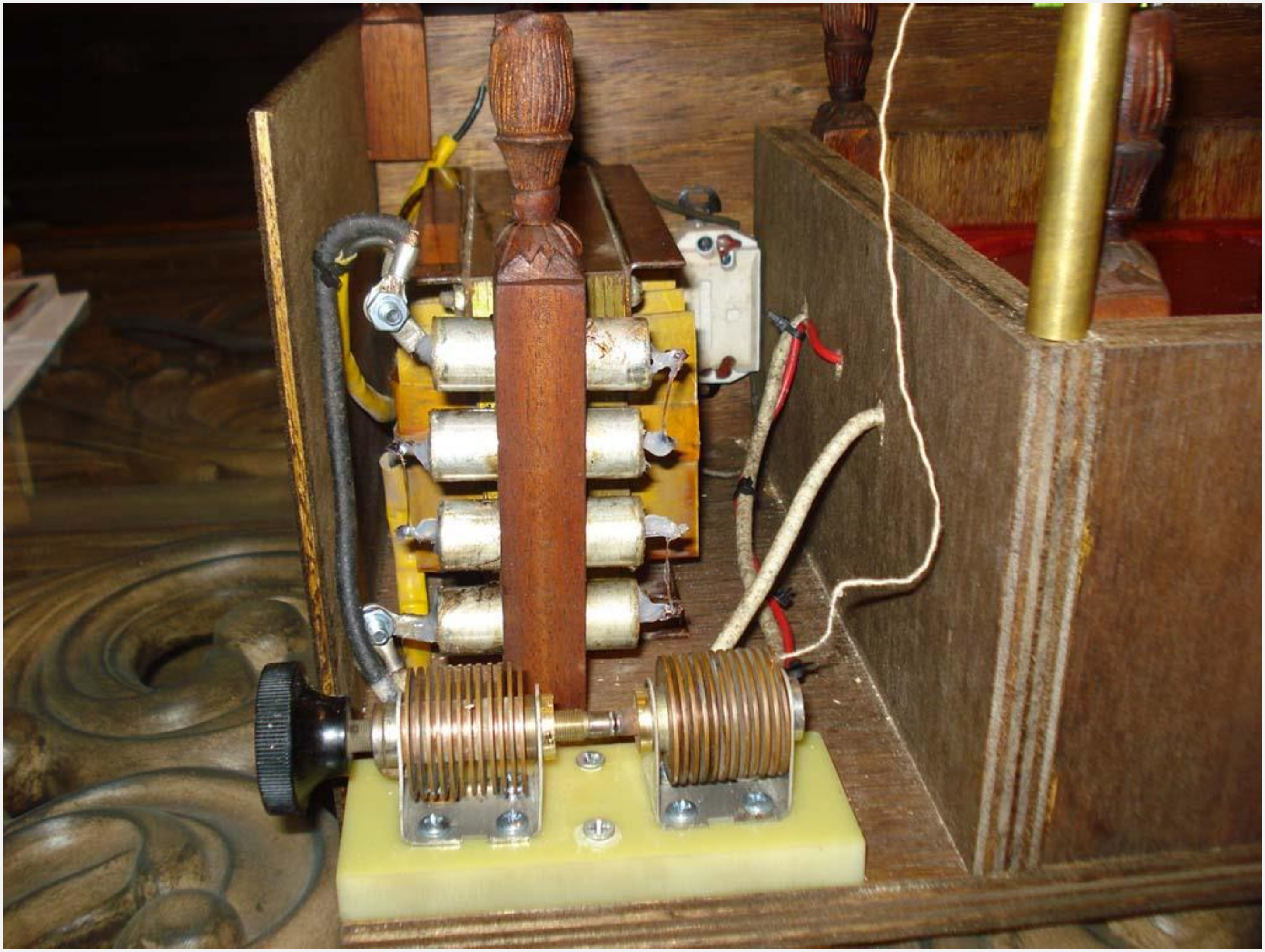

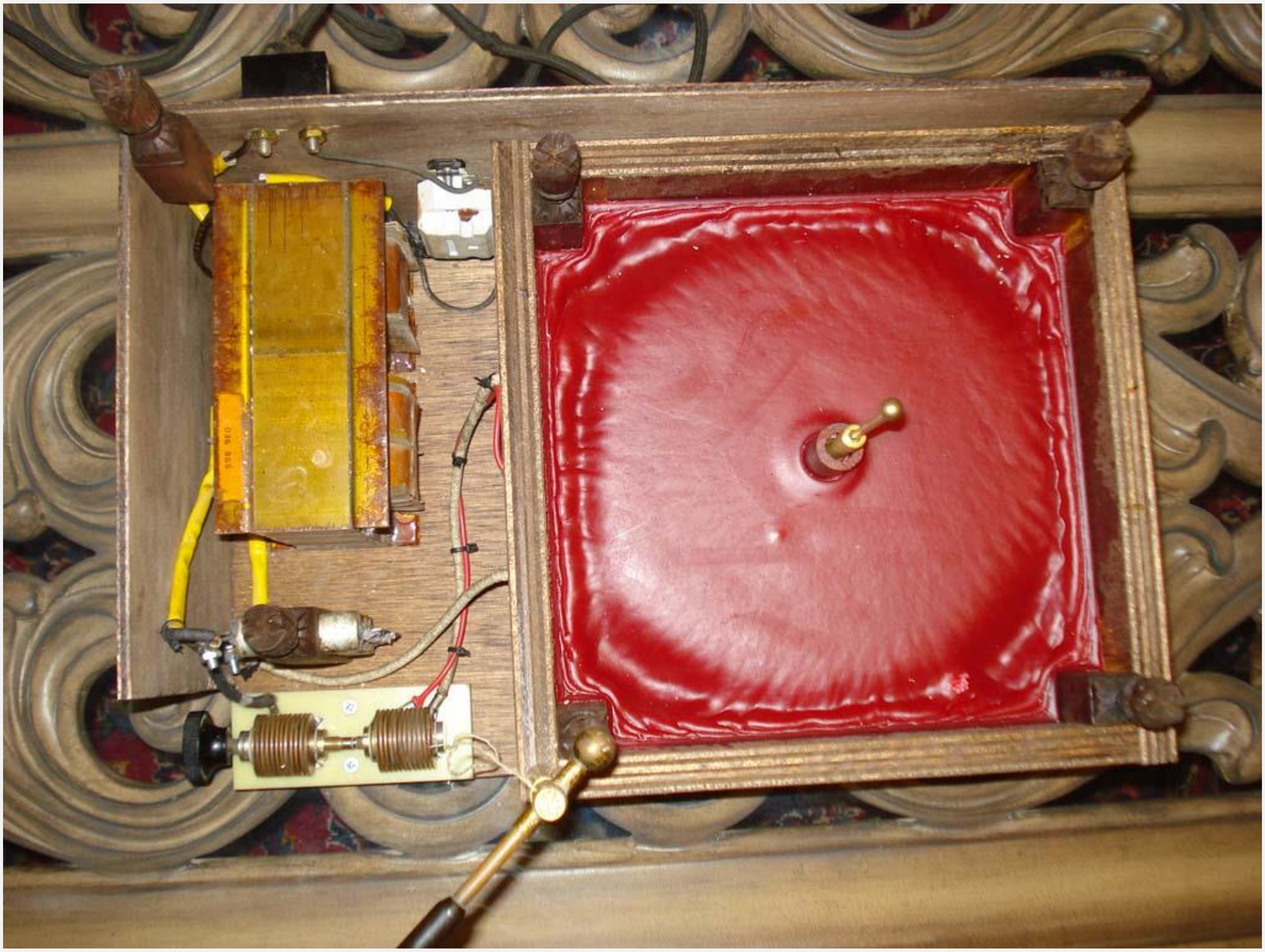

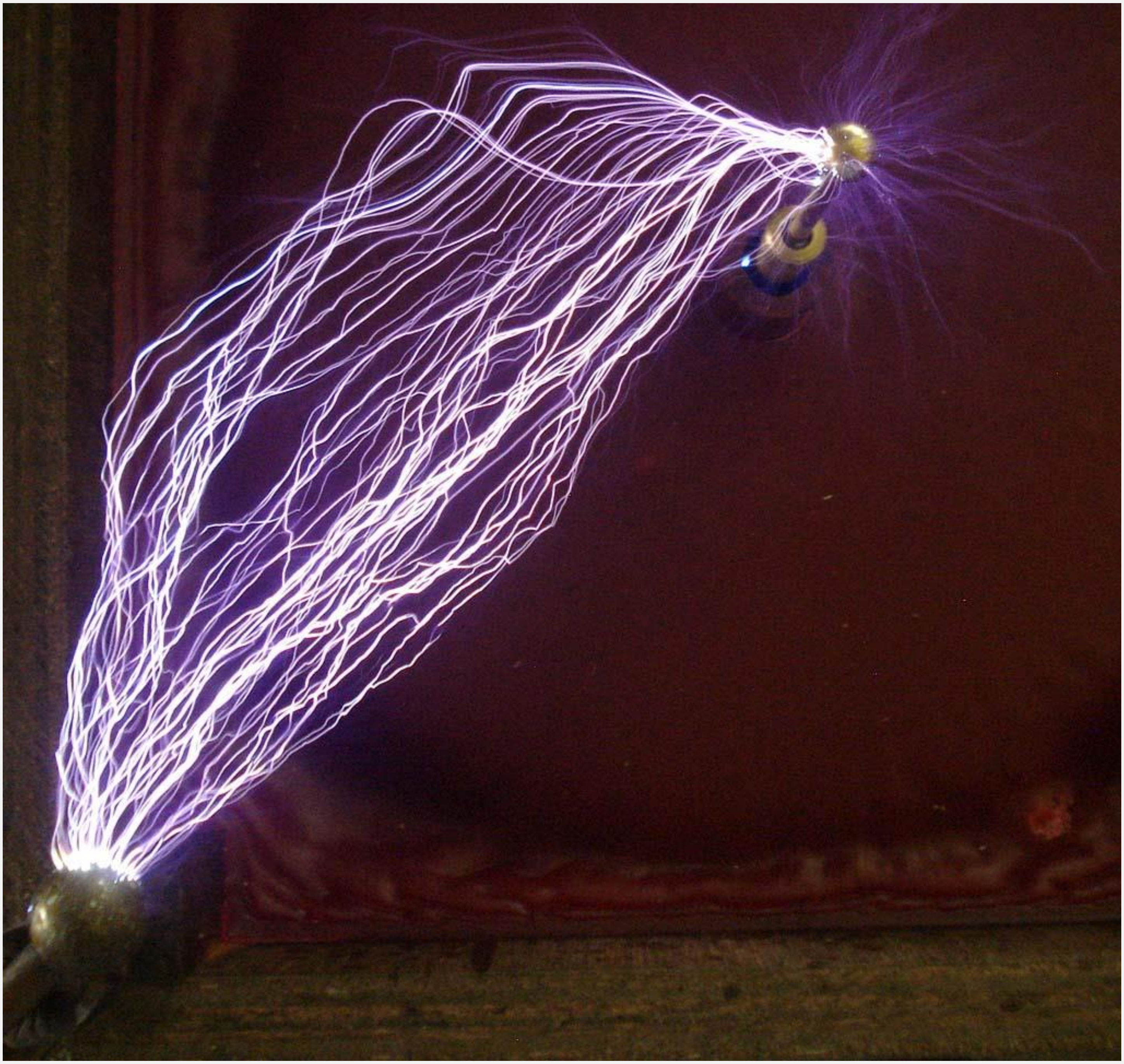

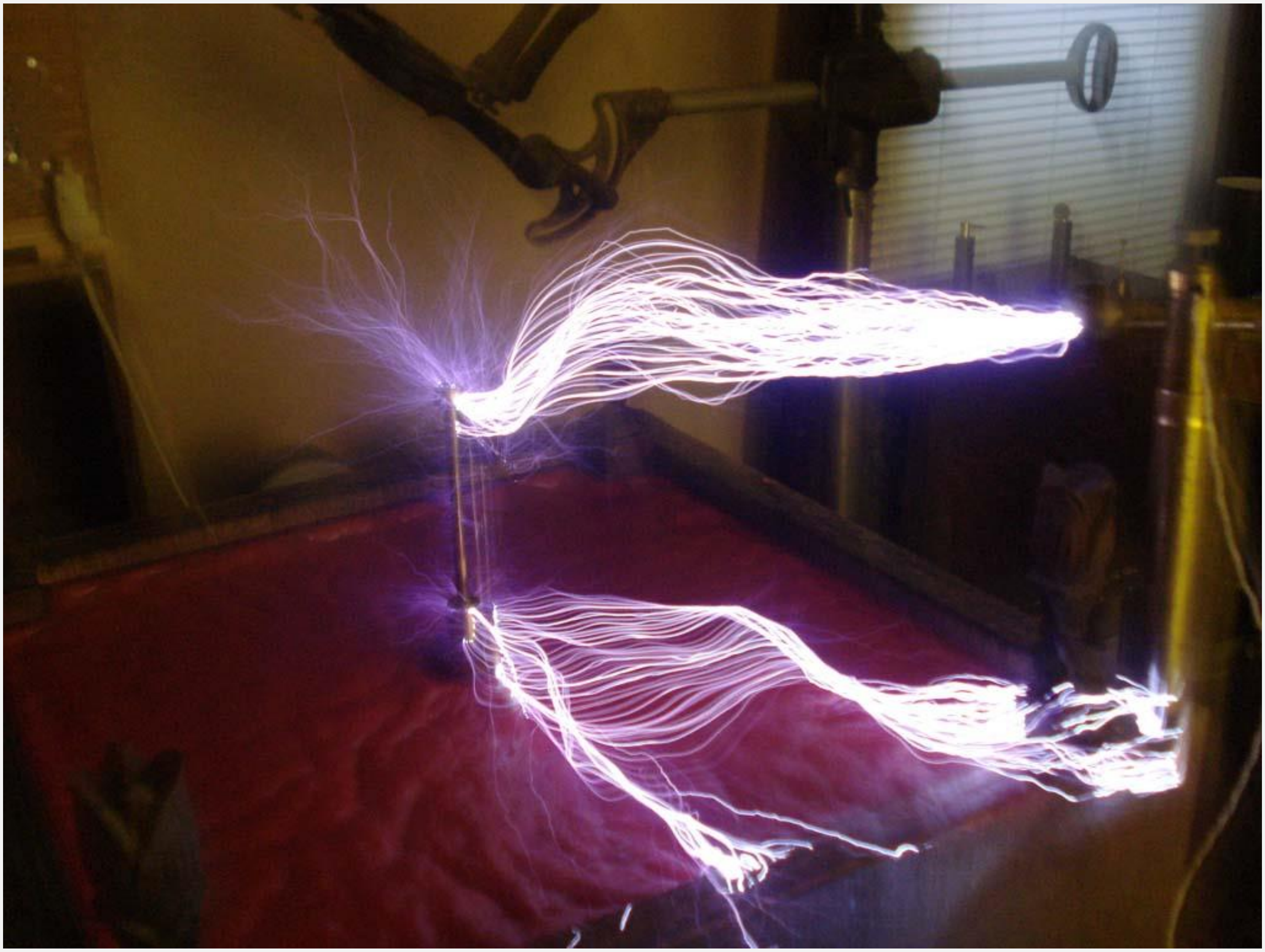

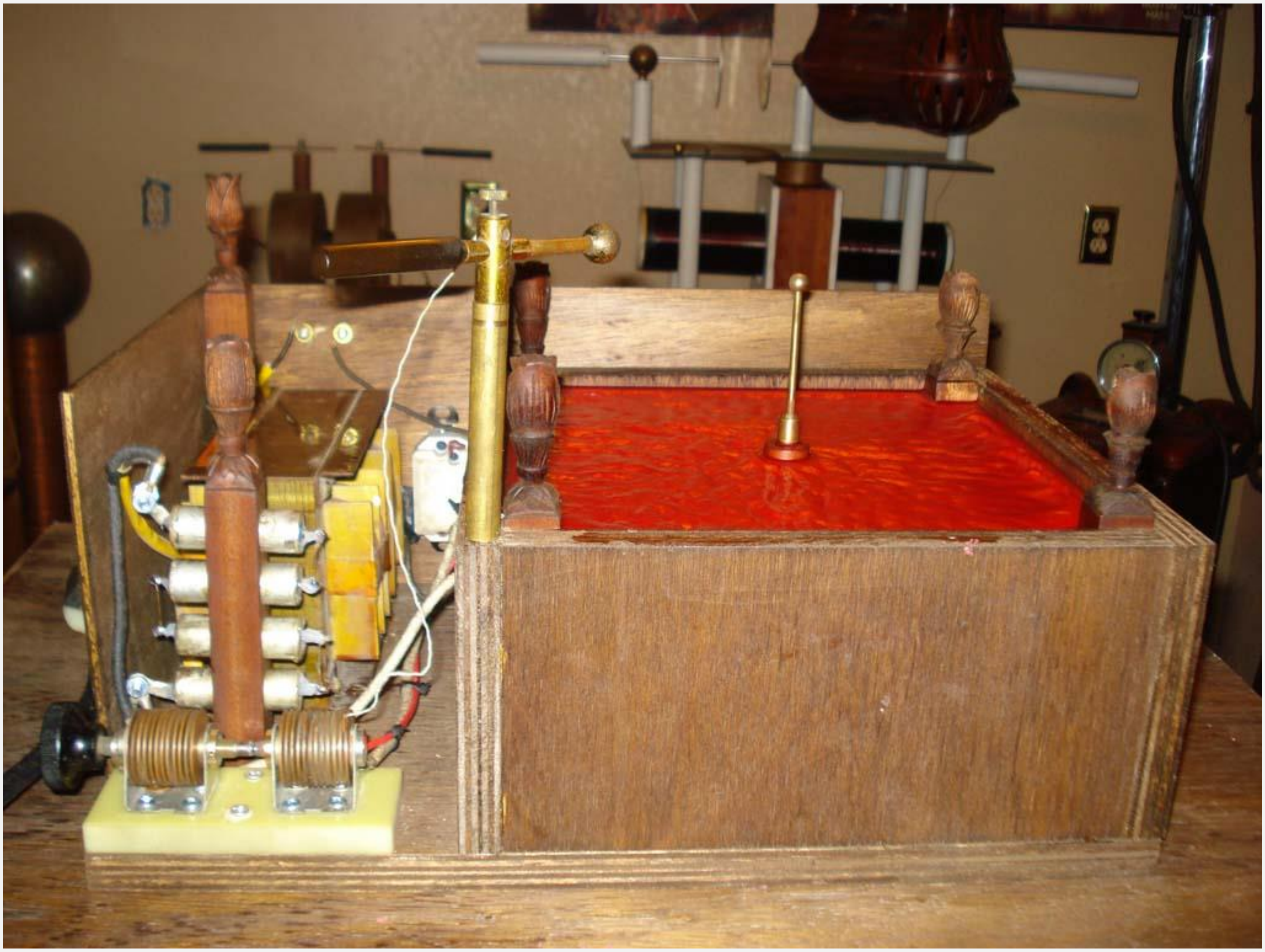

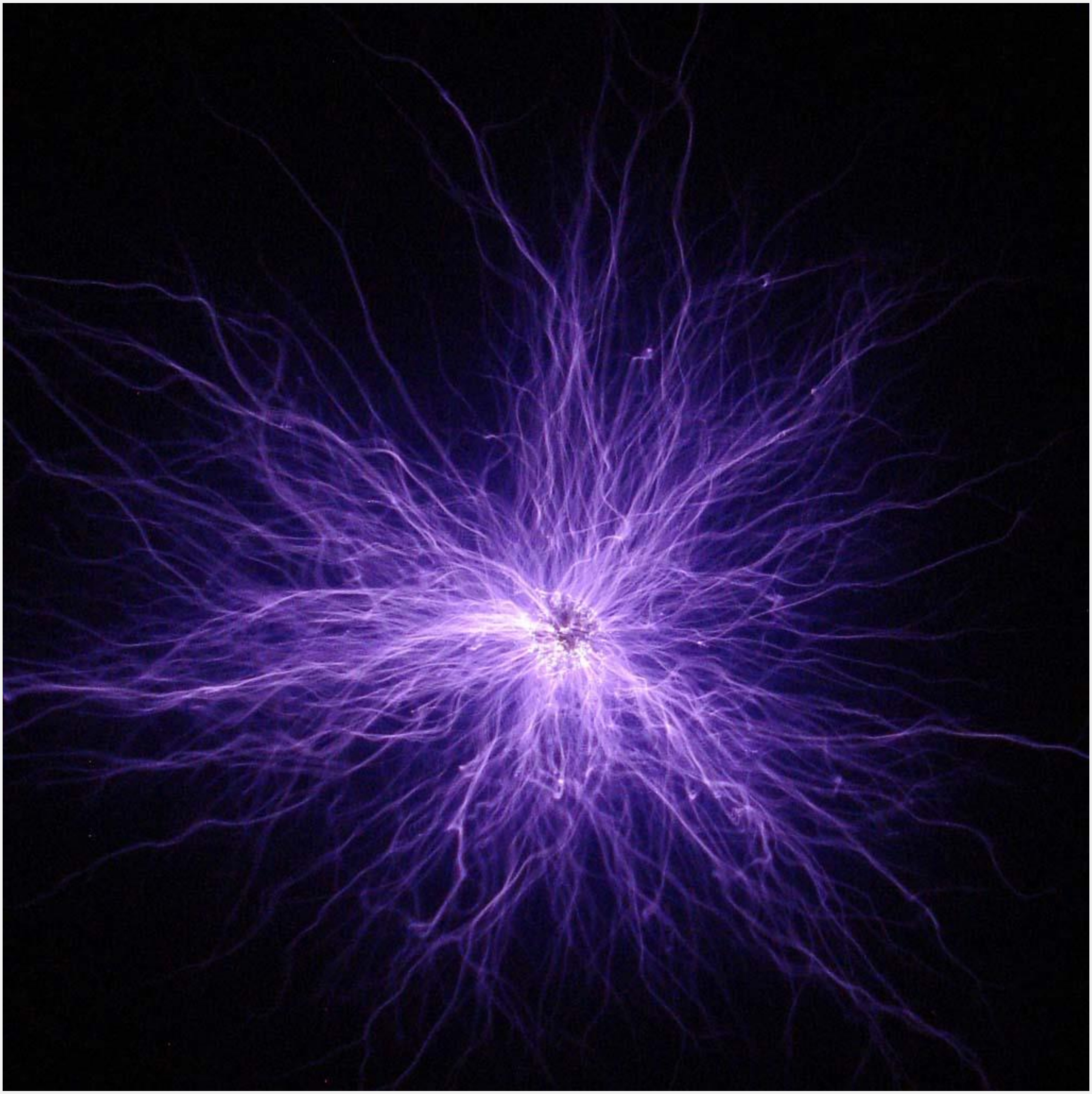

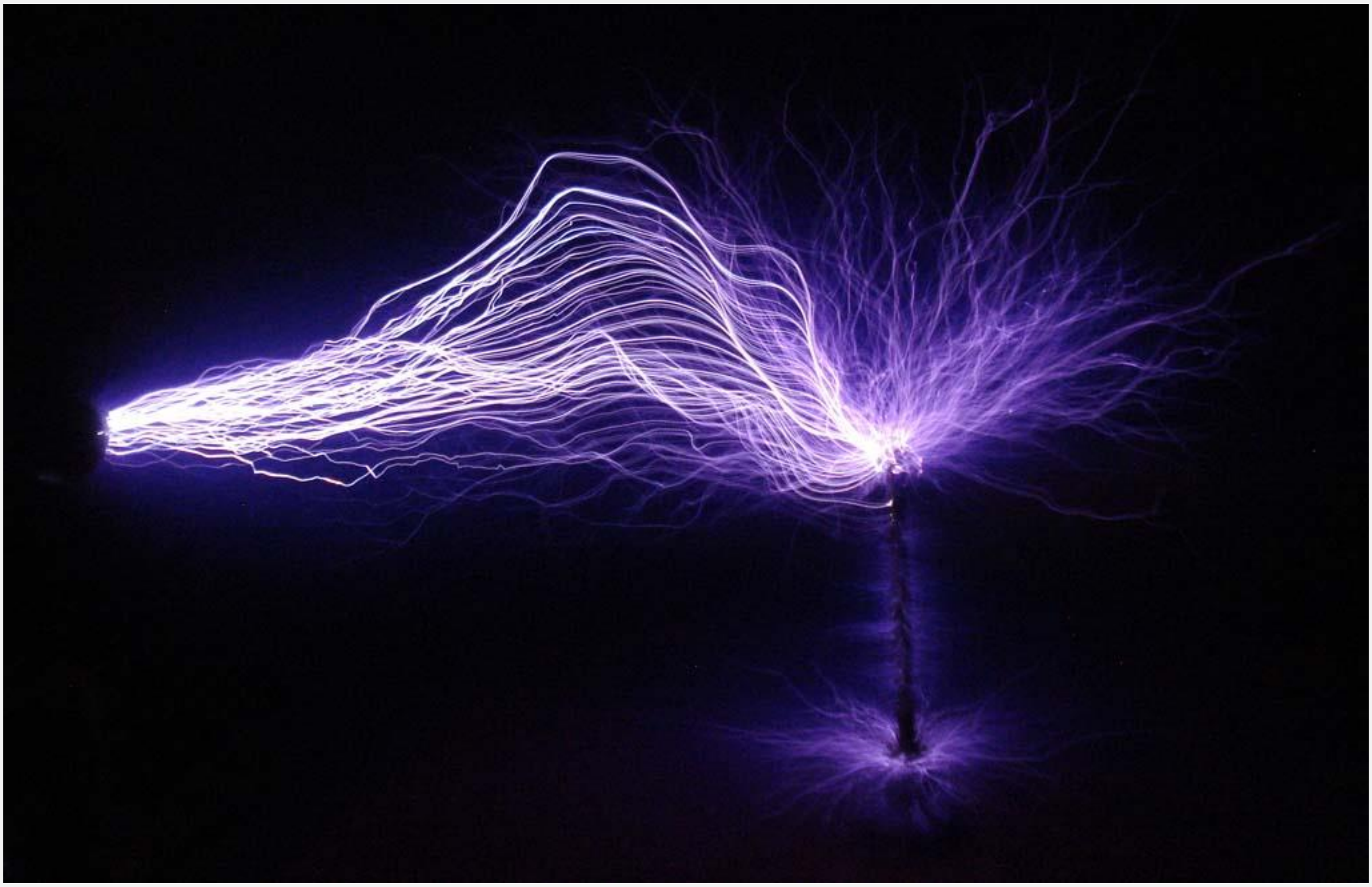

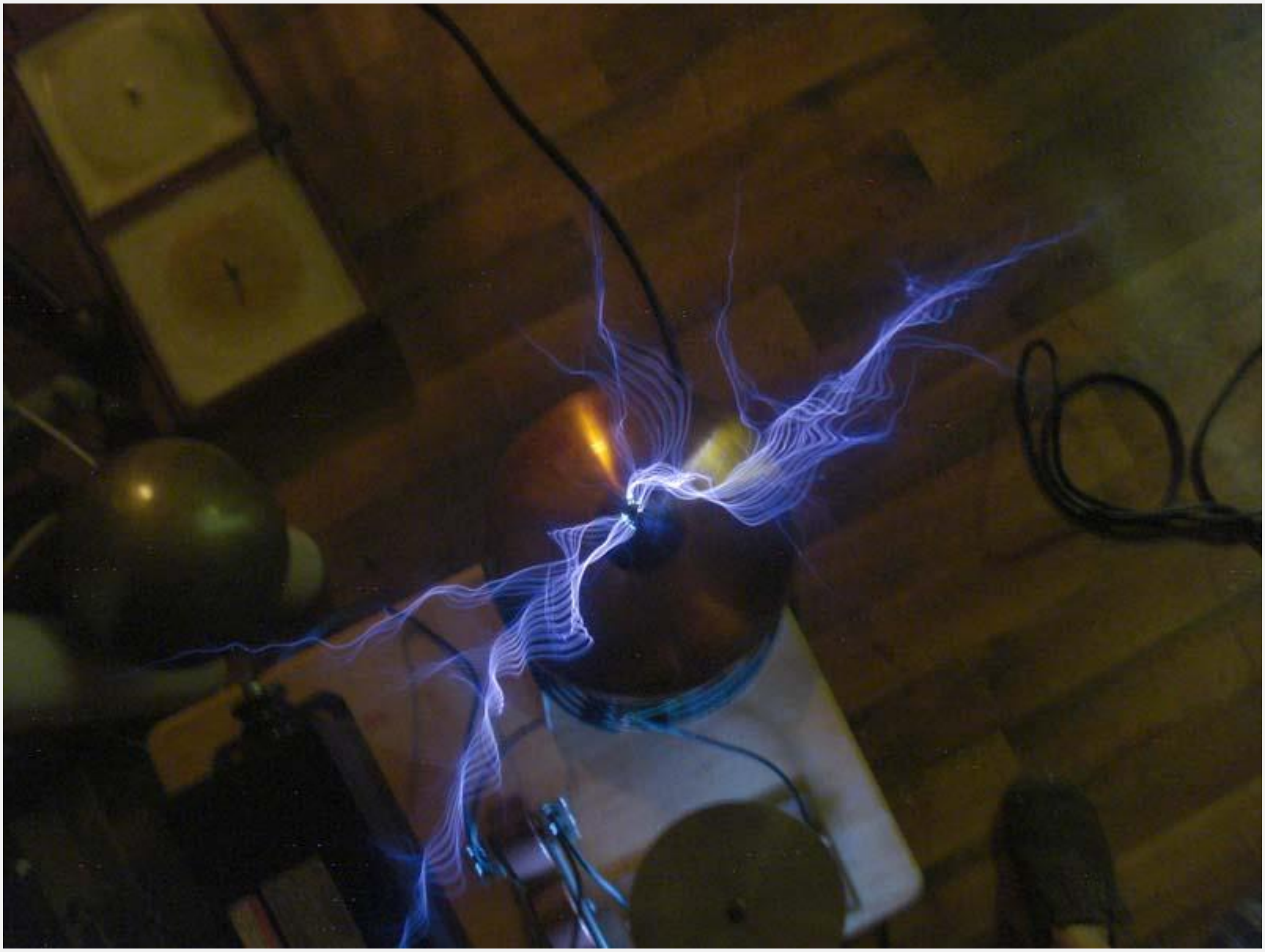

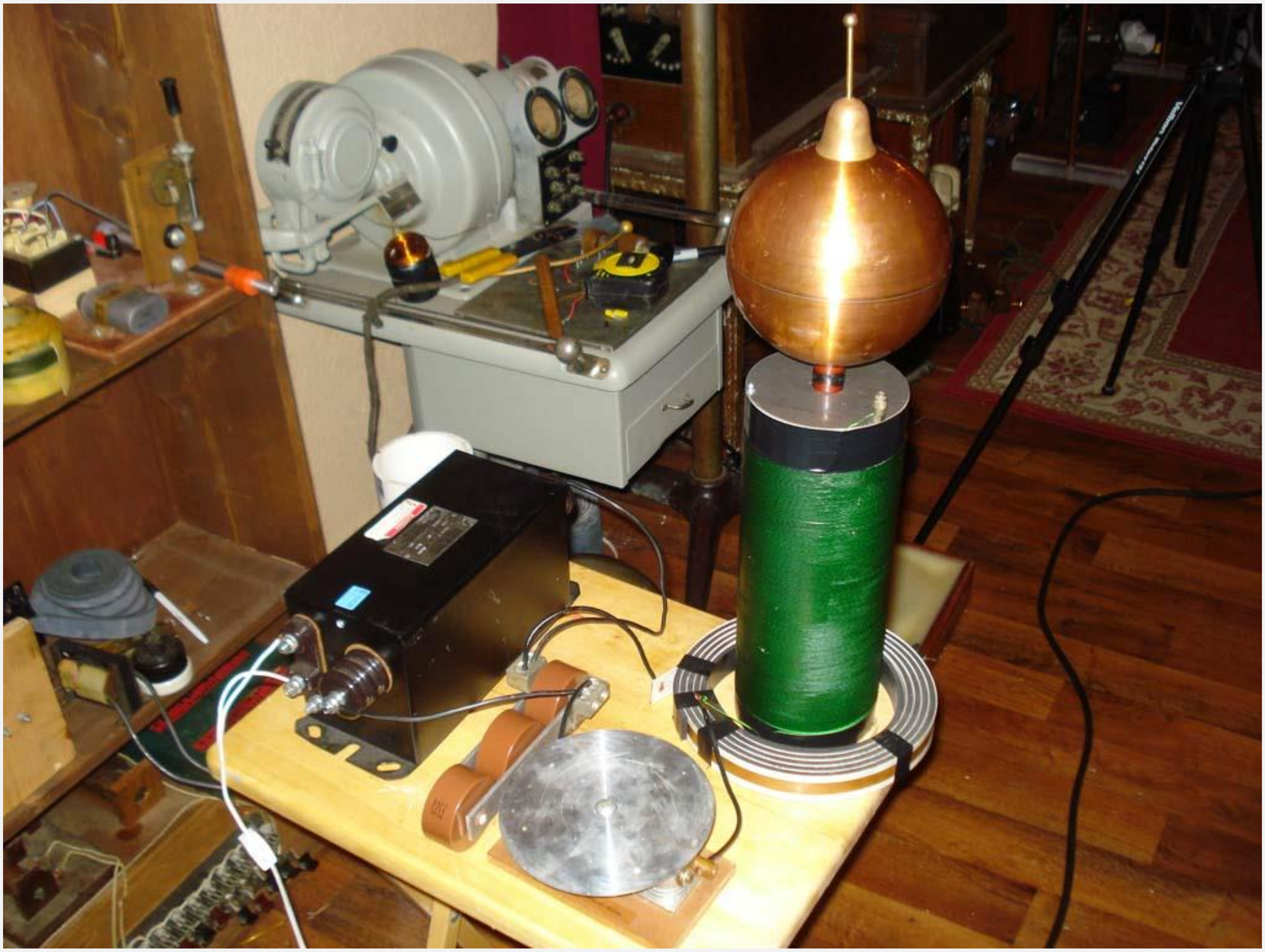

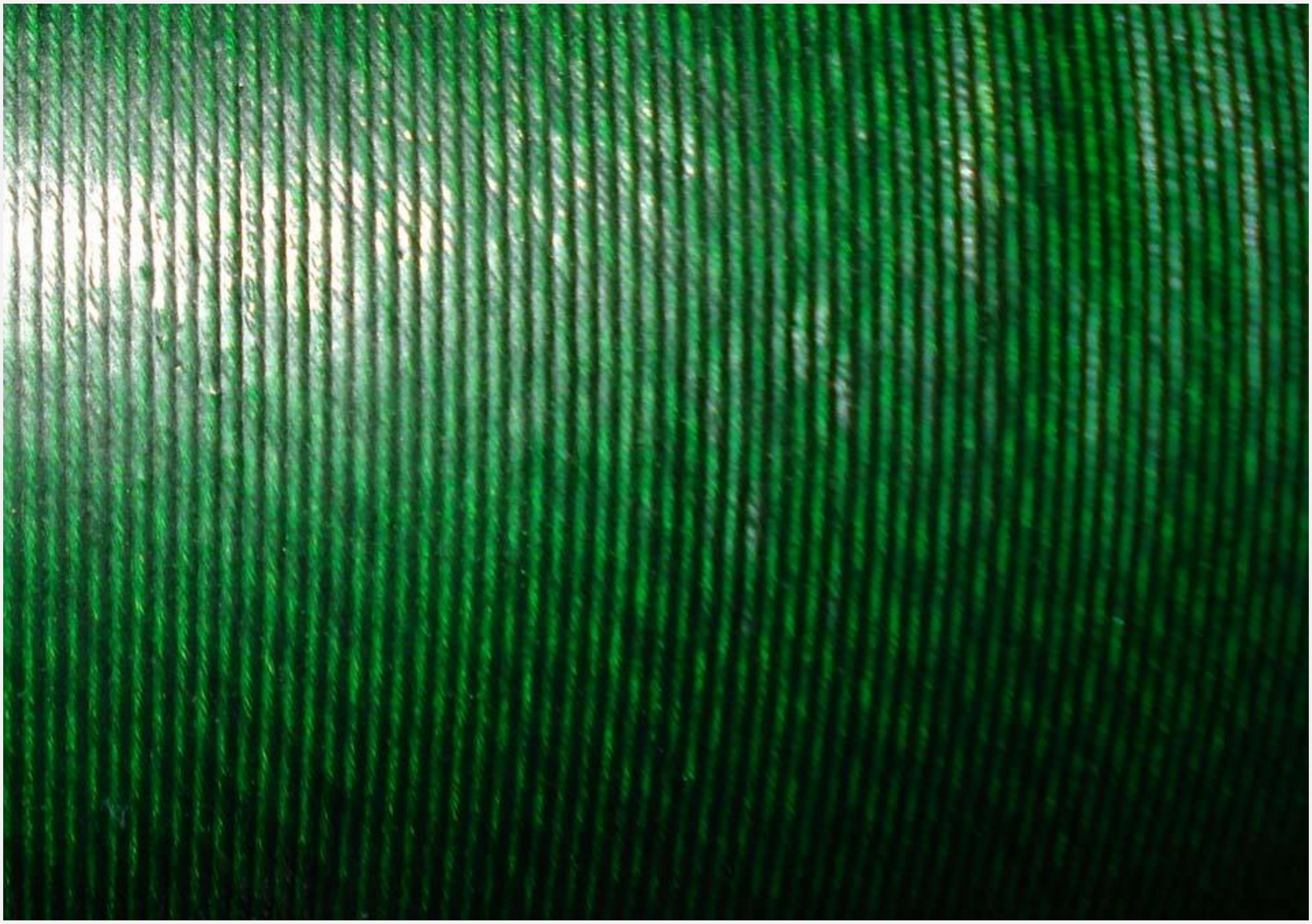

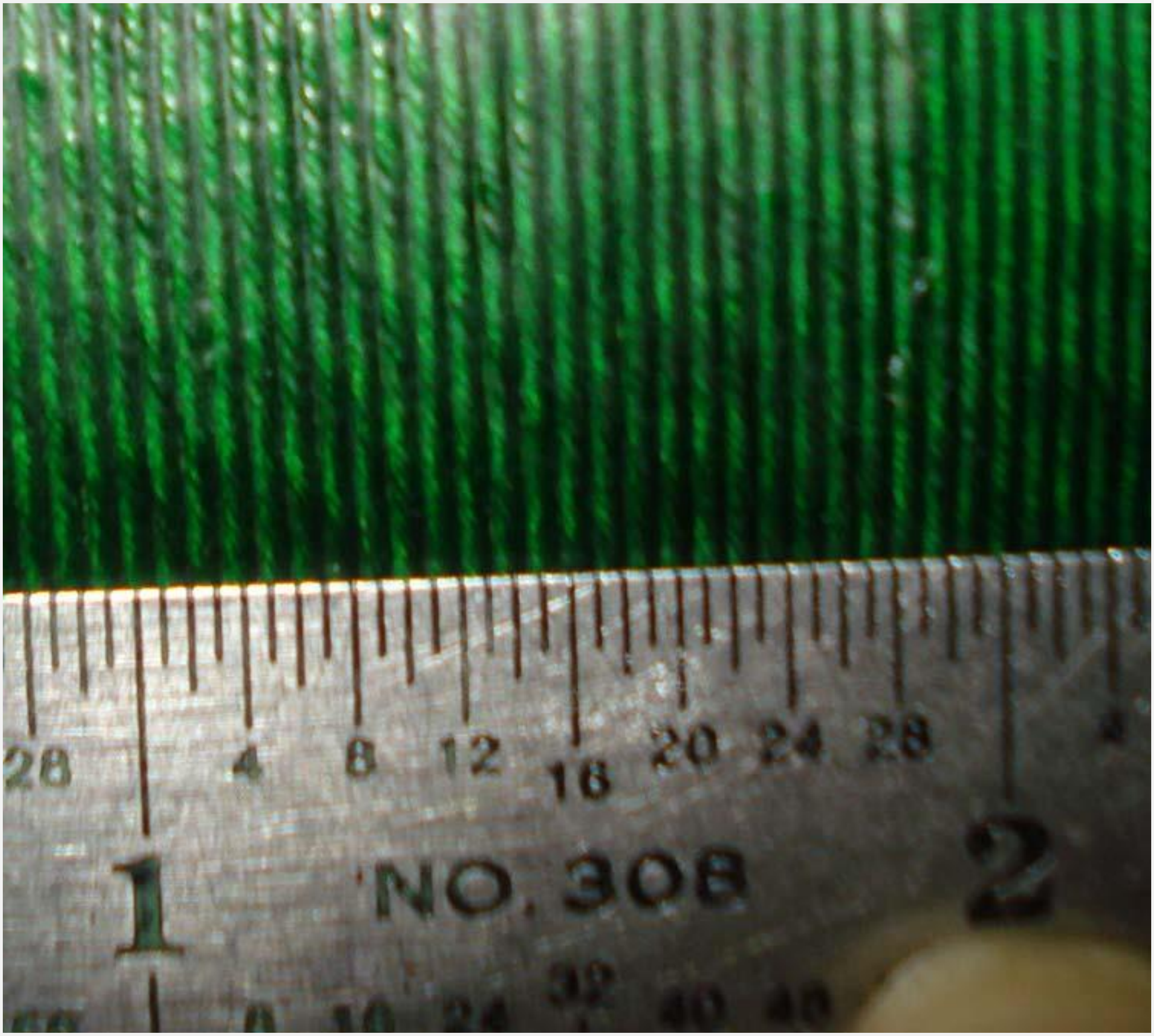
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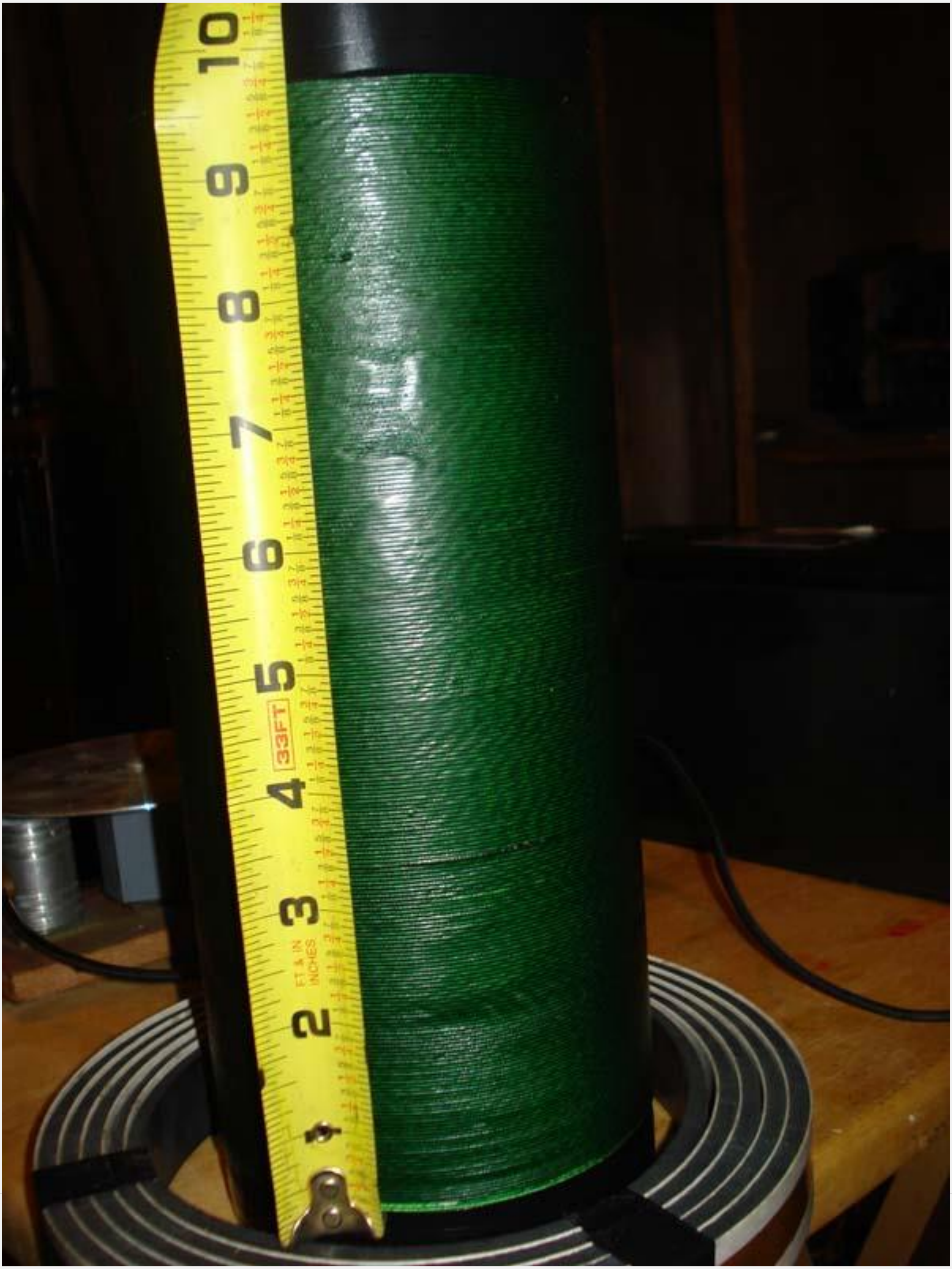
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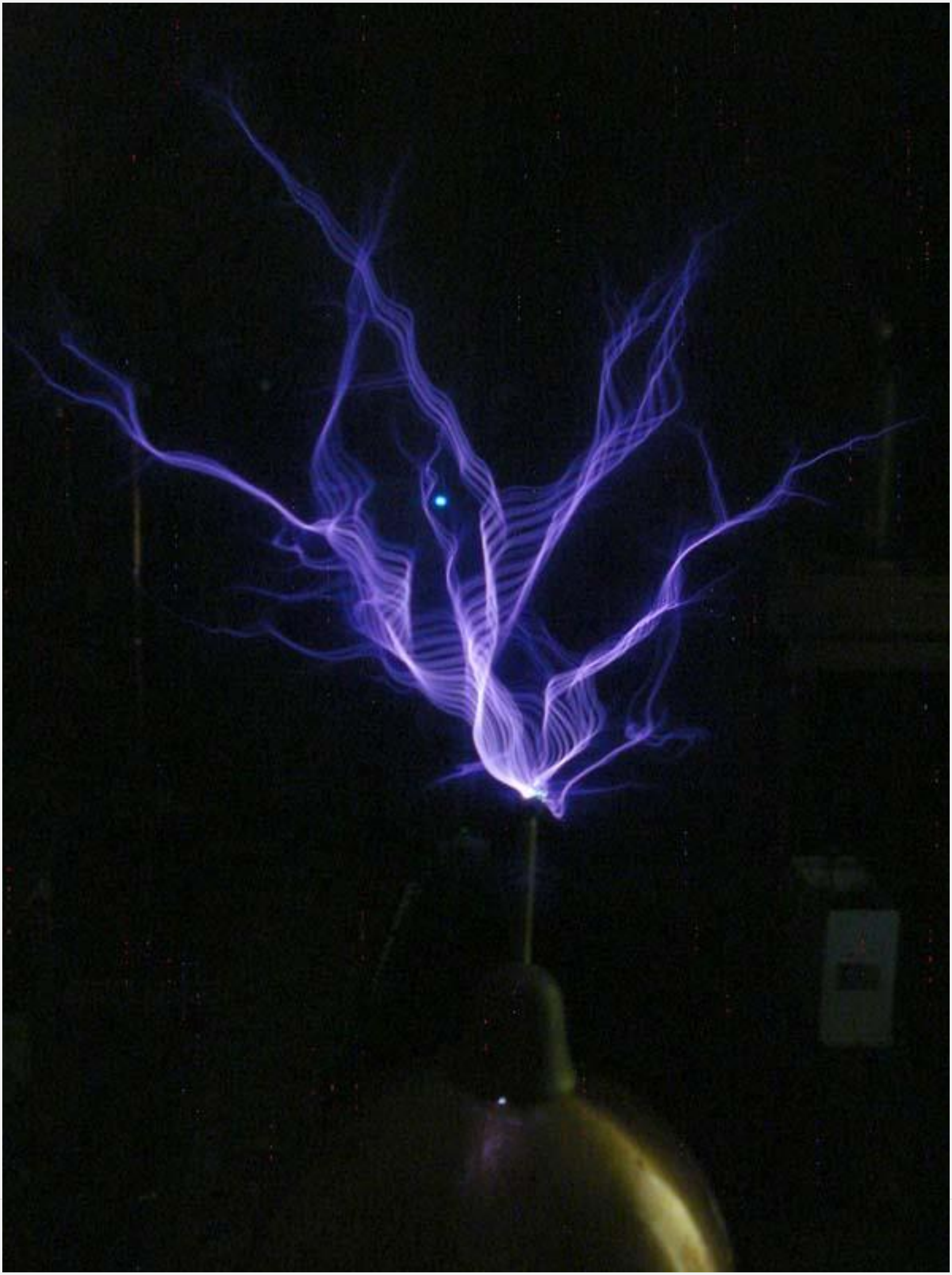
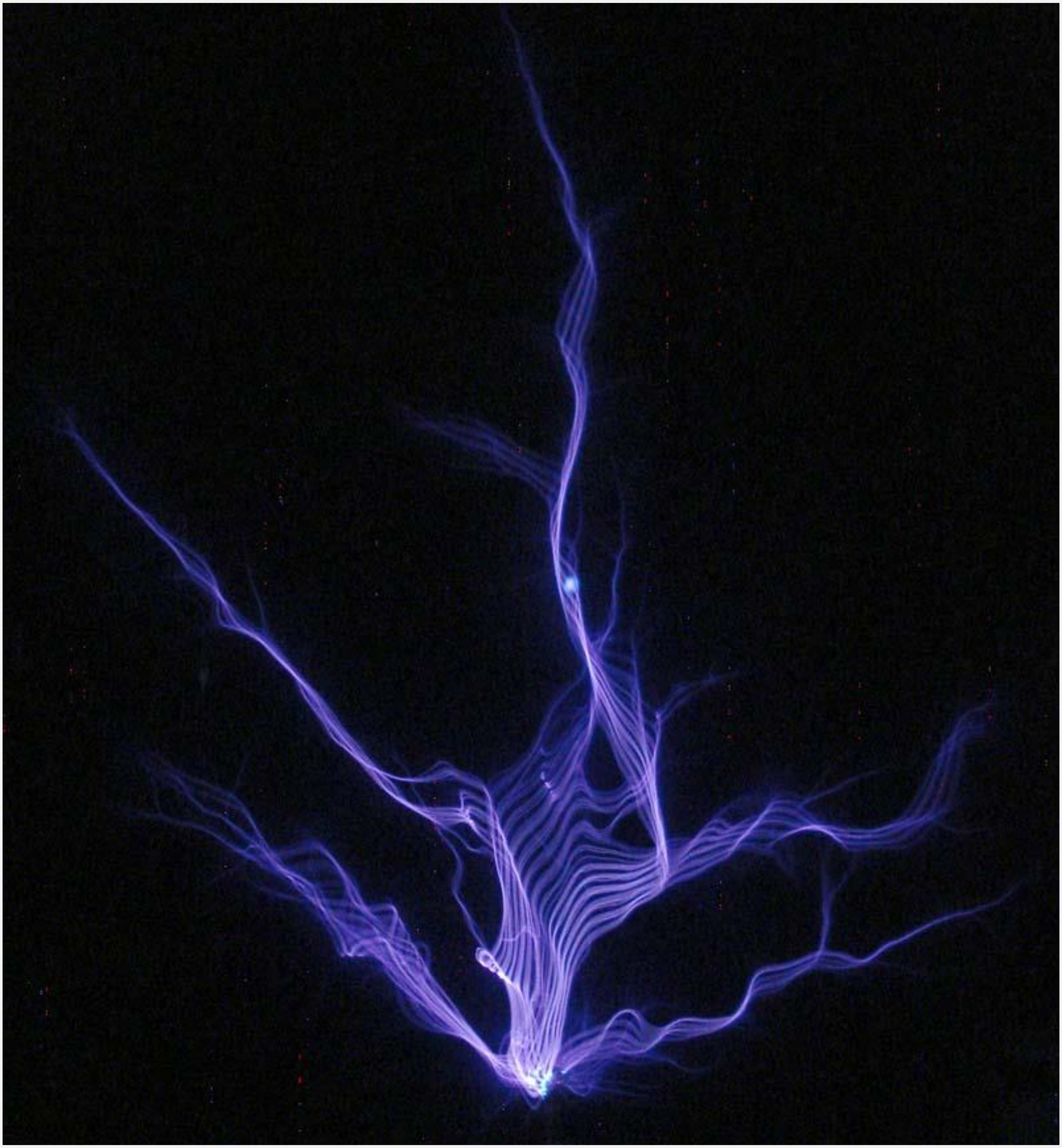
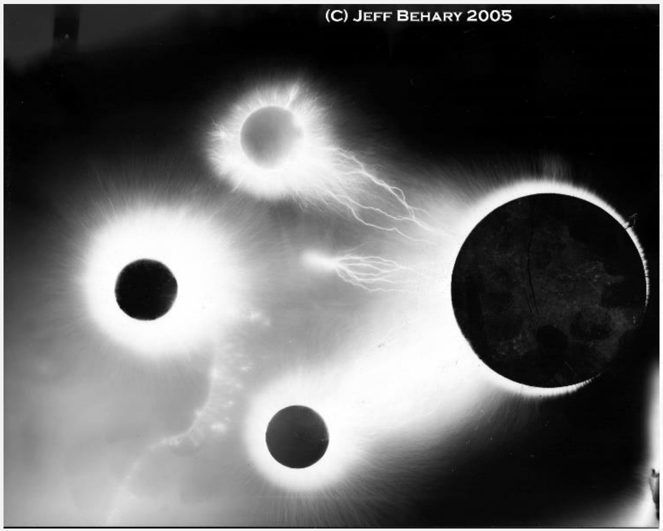
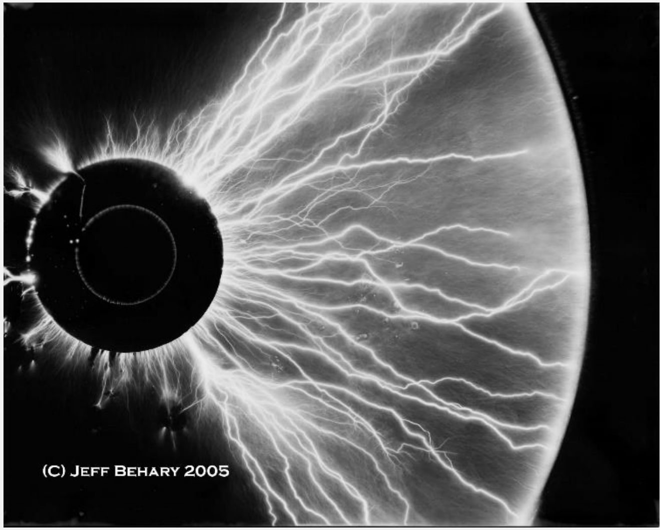






(C) Jeff Behary 2005

(C) Jeff Behary 2005



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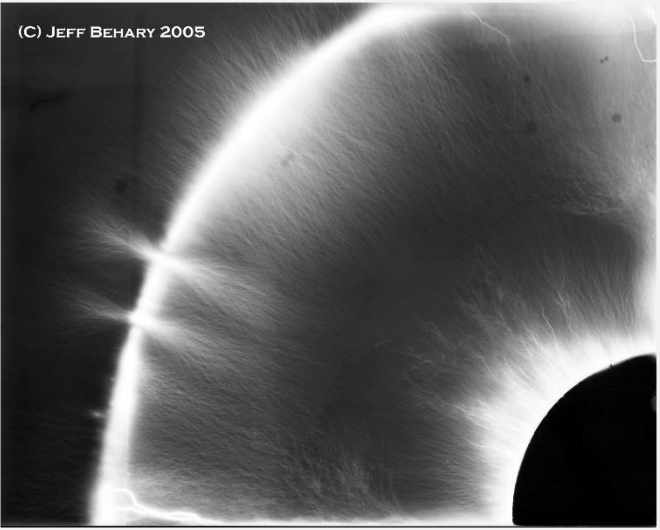

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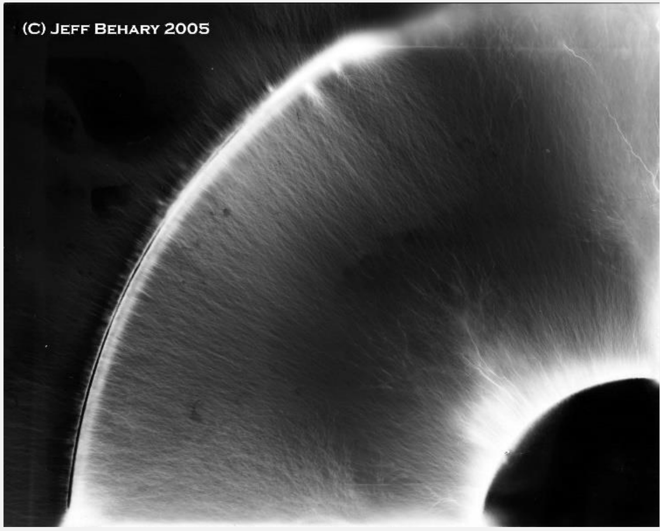

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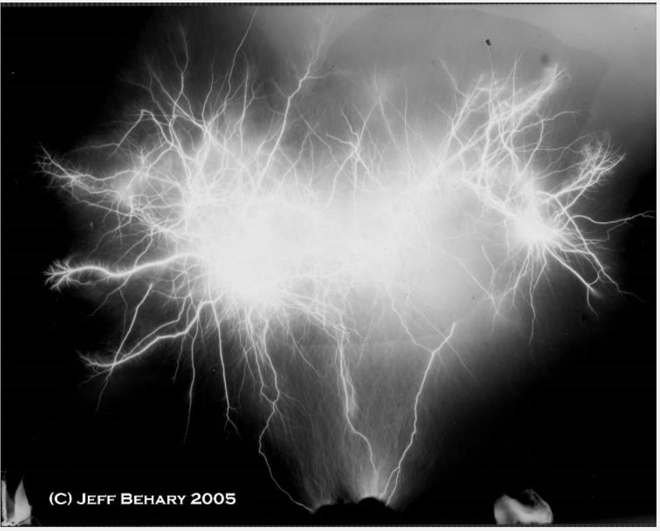

(C) Jeff Behary 2005

(C) JEFF BEHARY 2005

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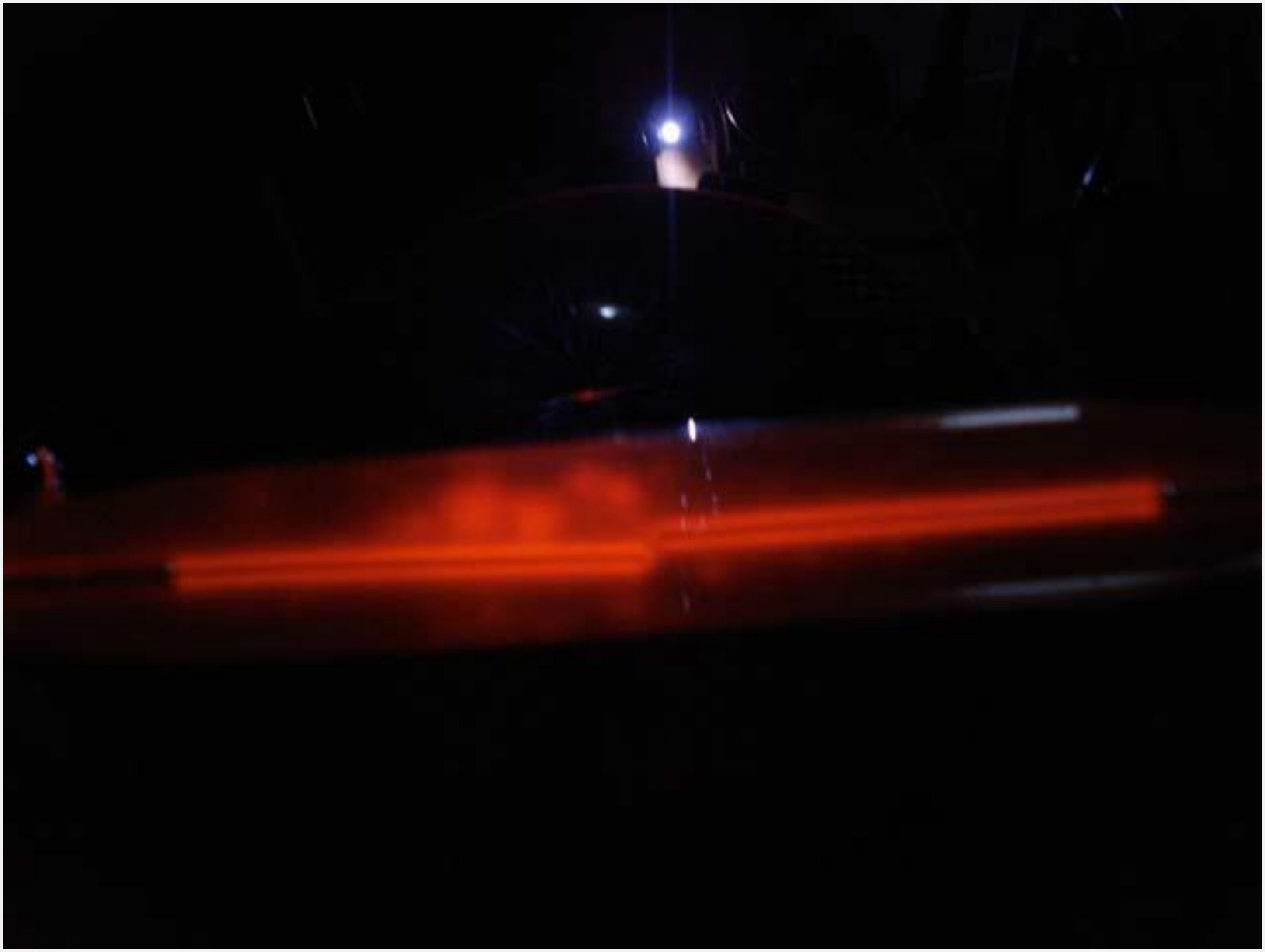
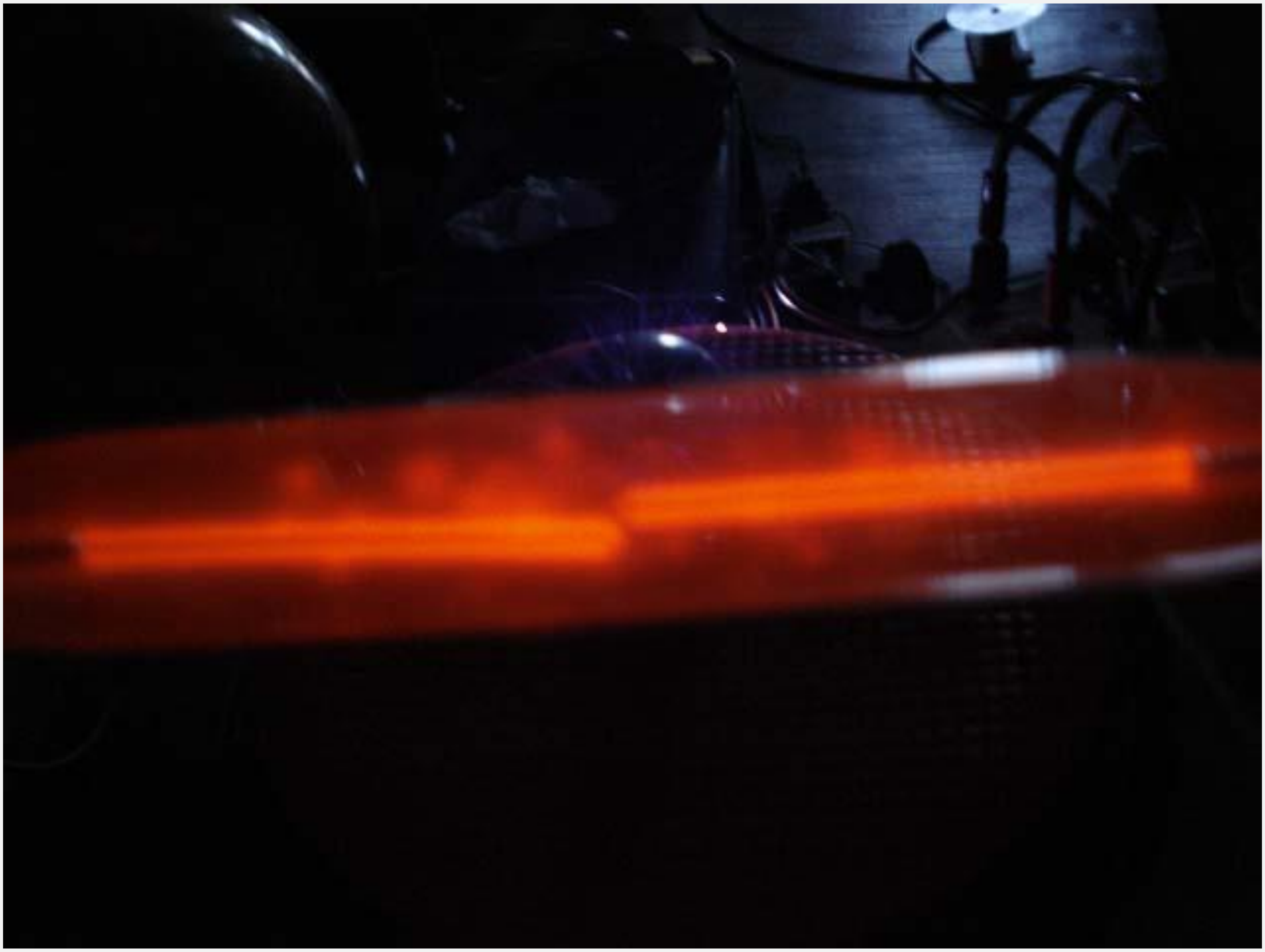
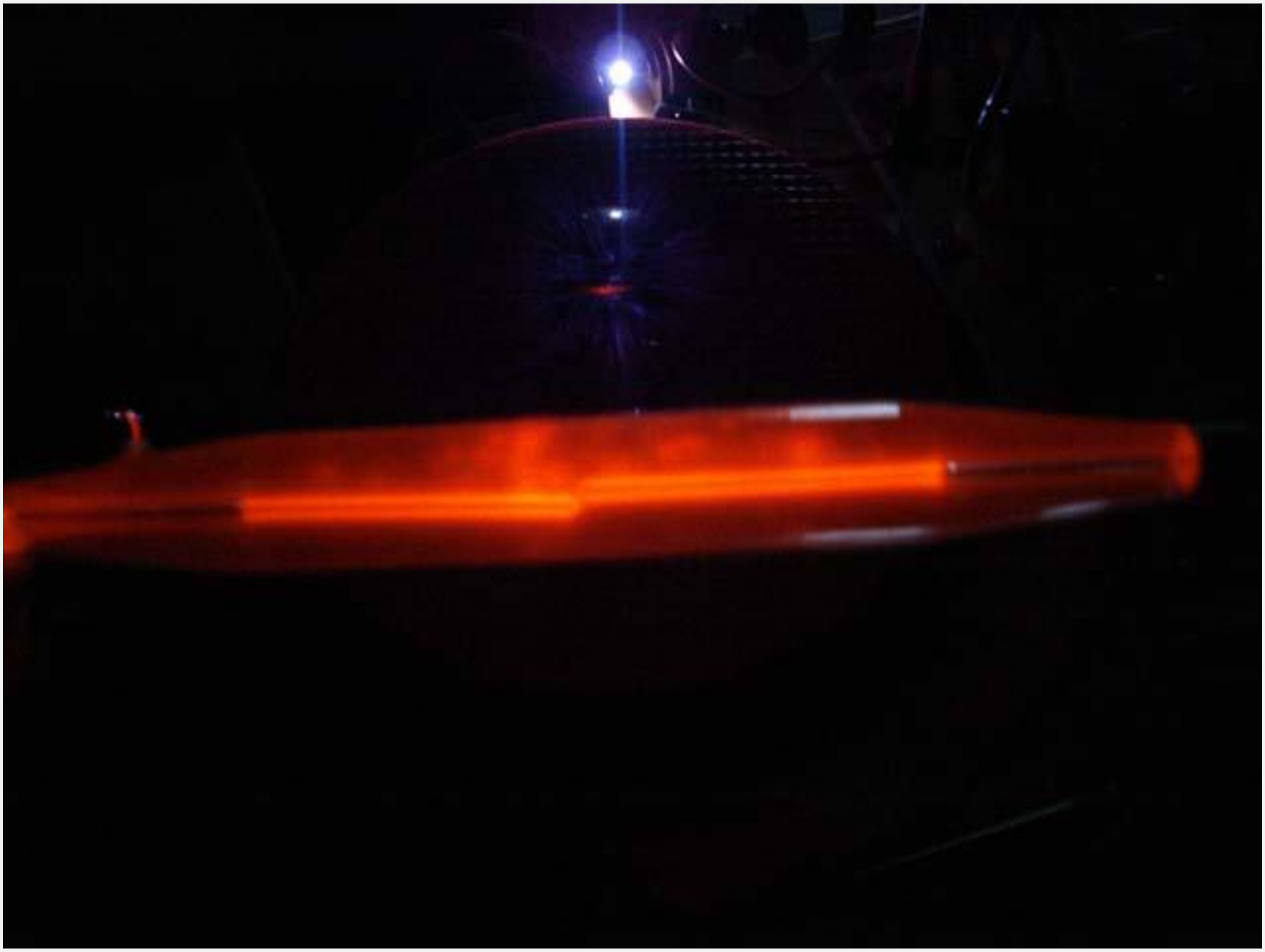
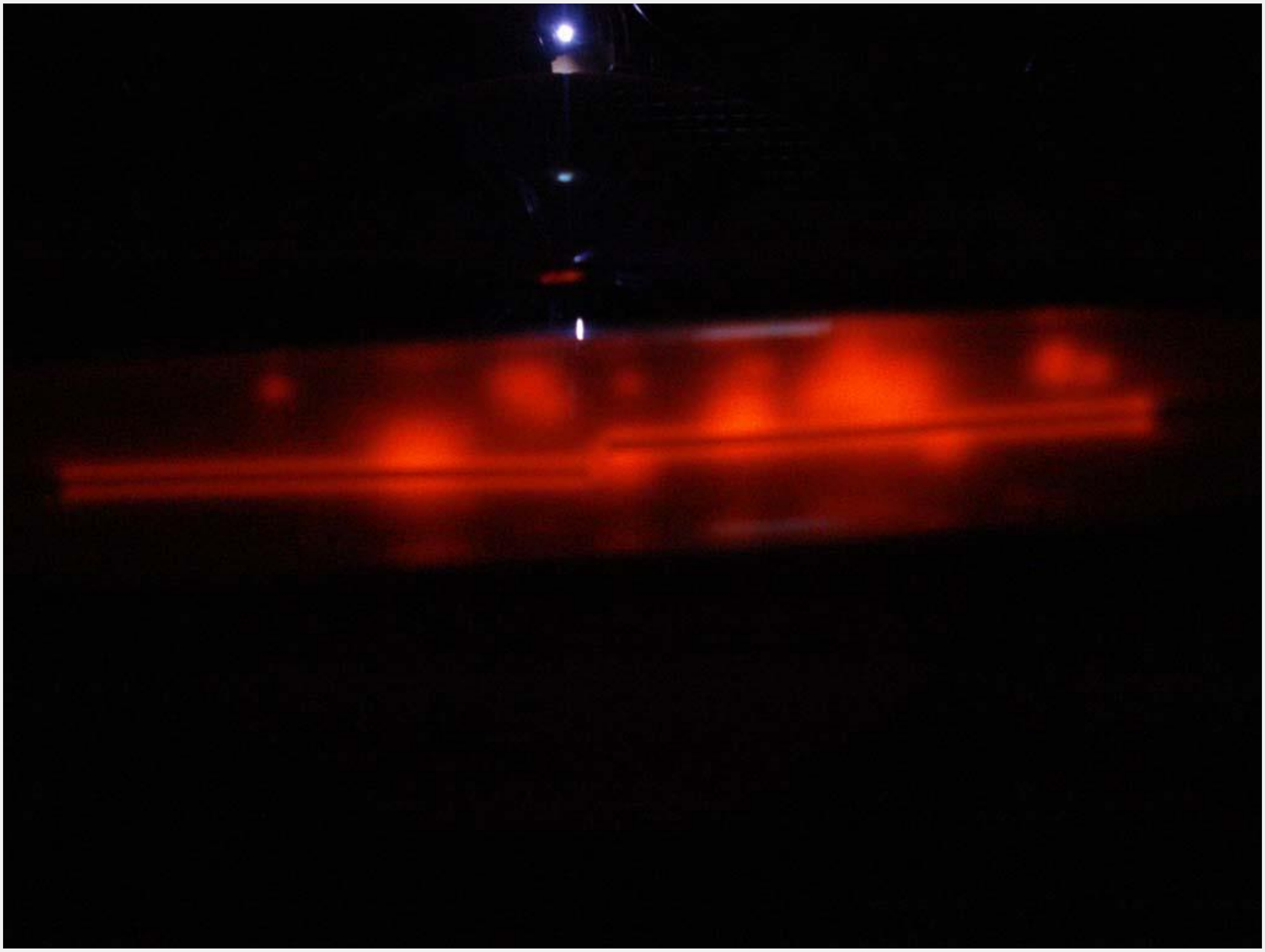
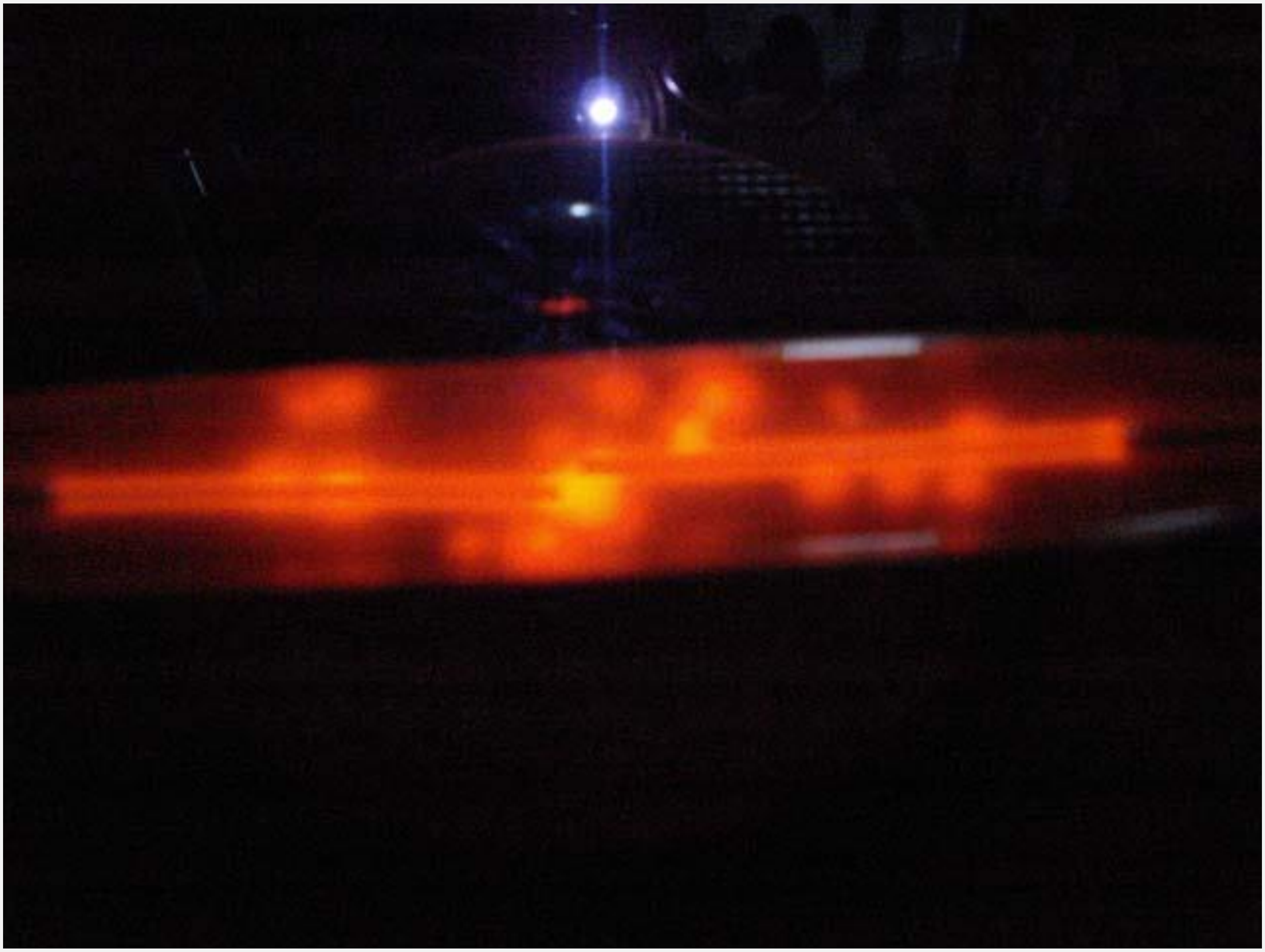
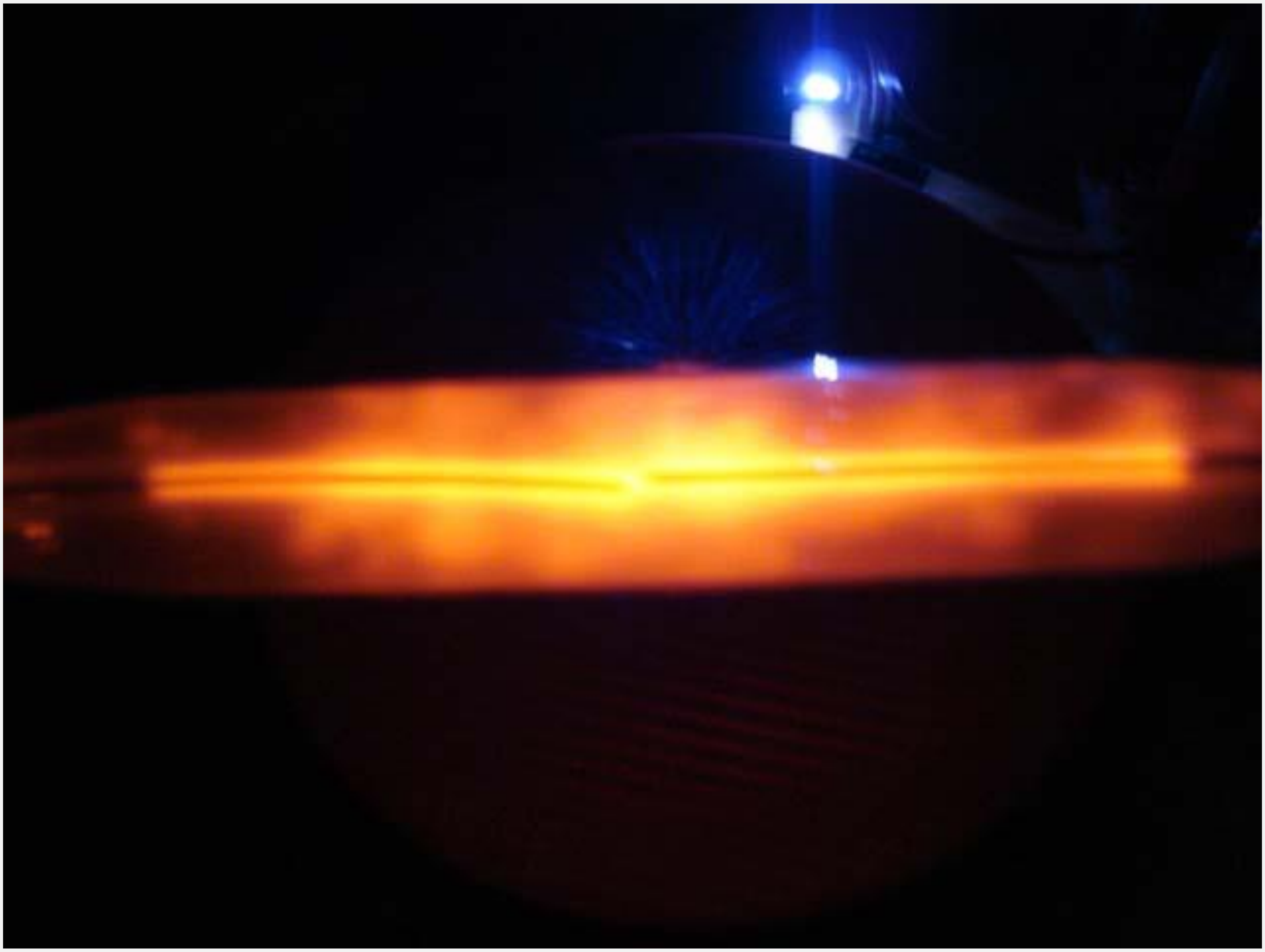




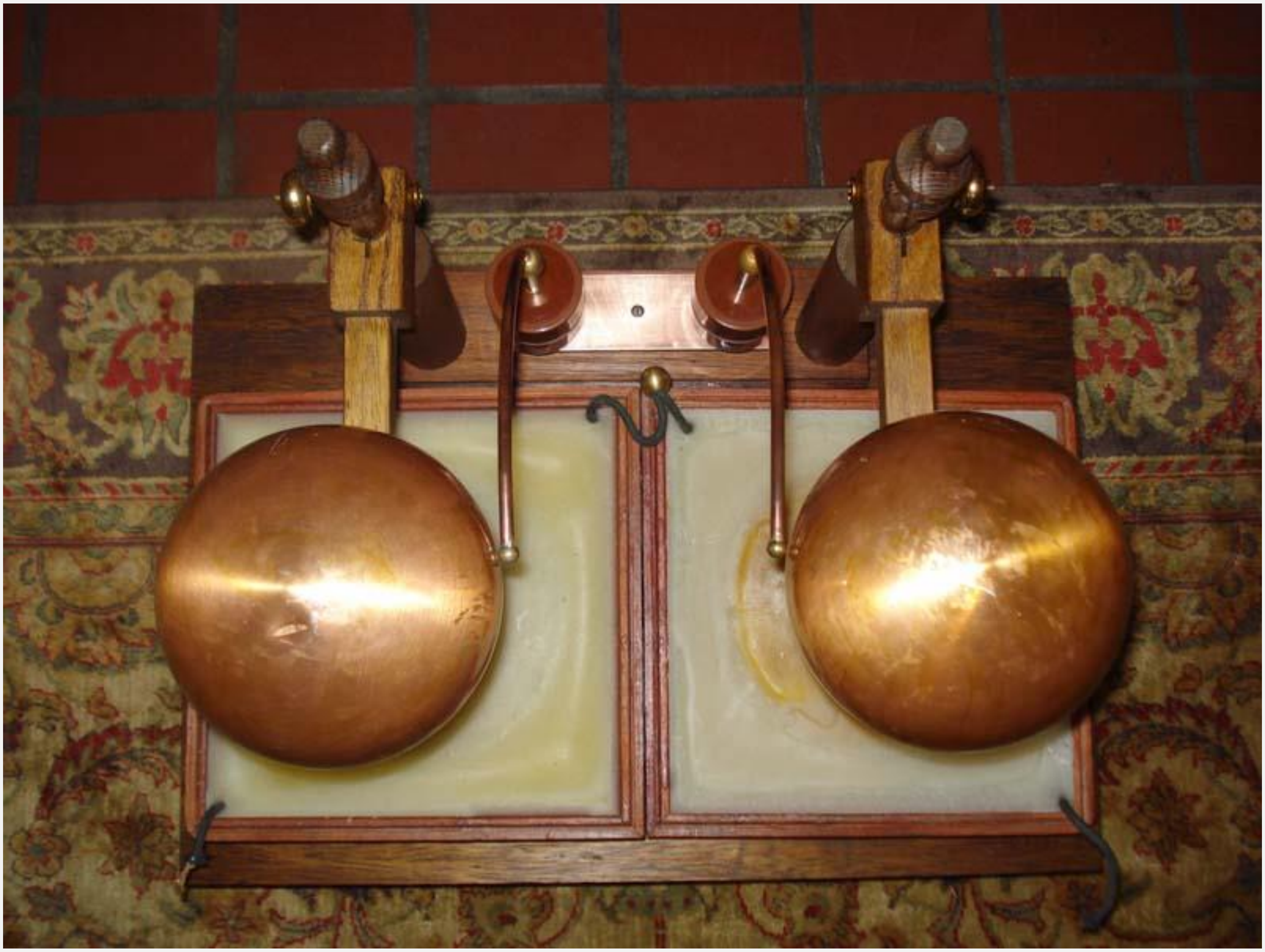


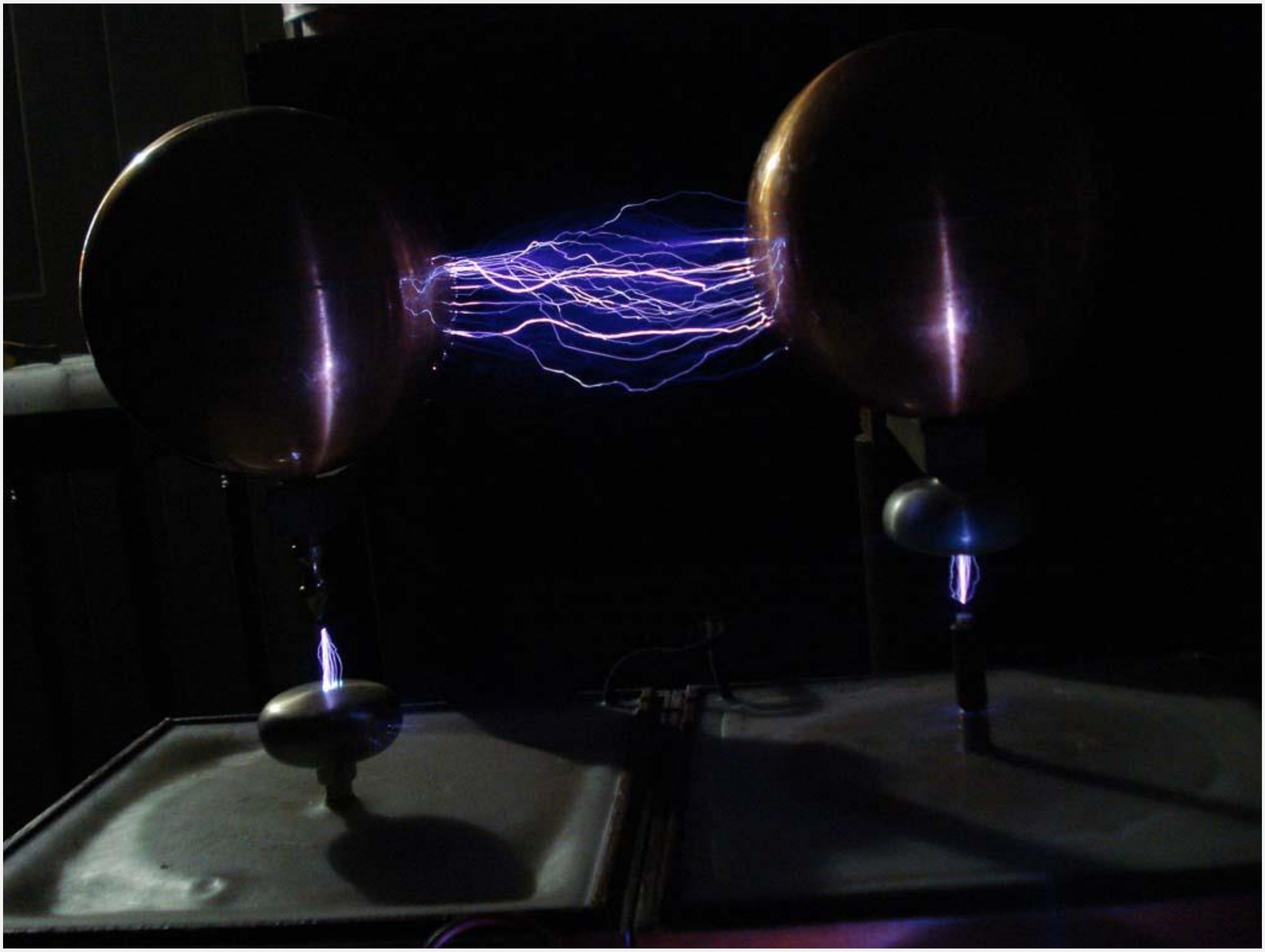


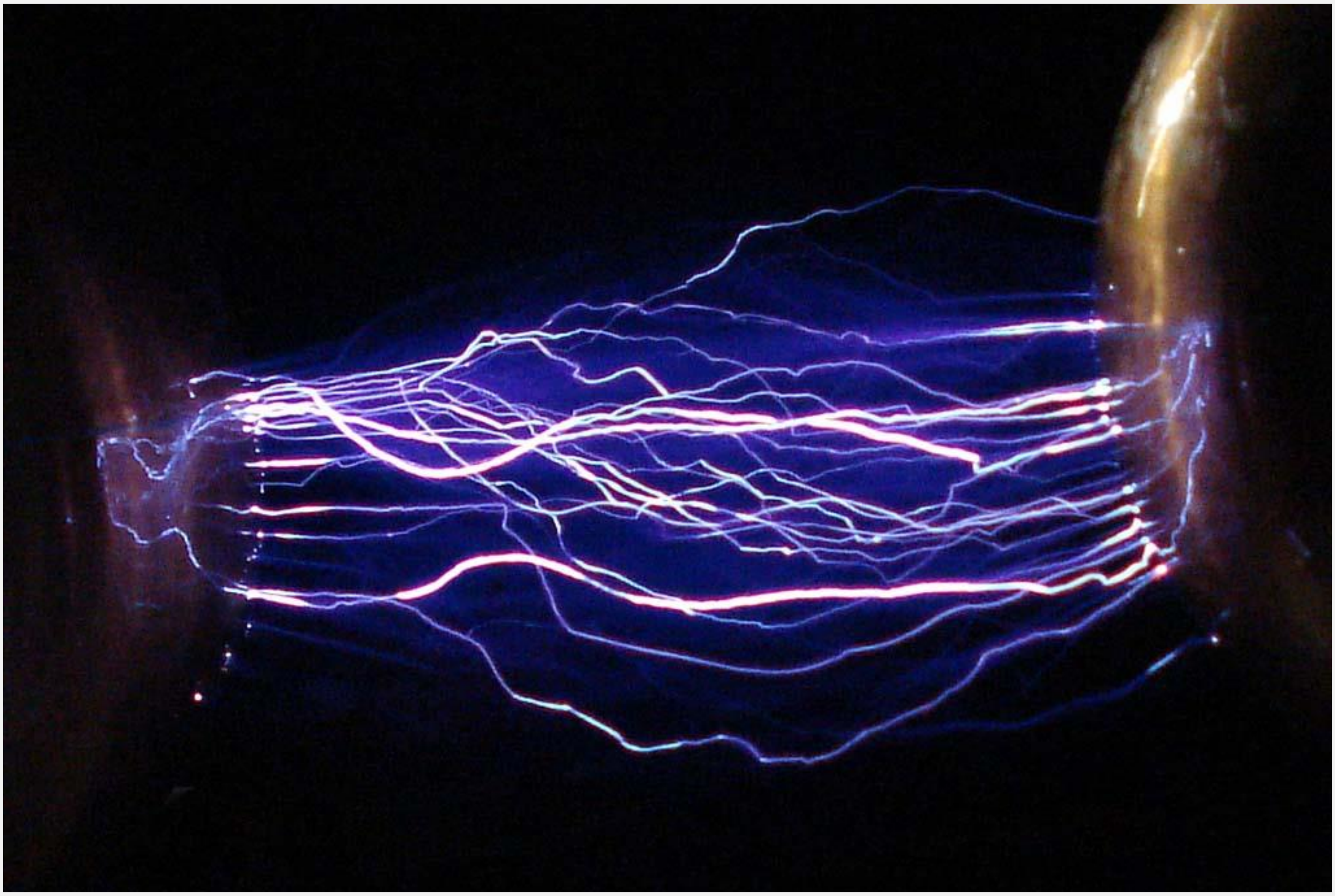


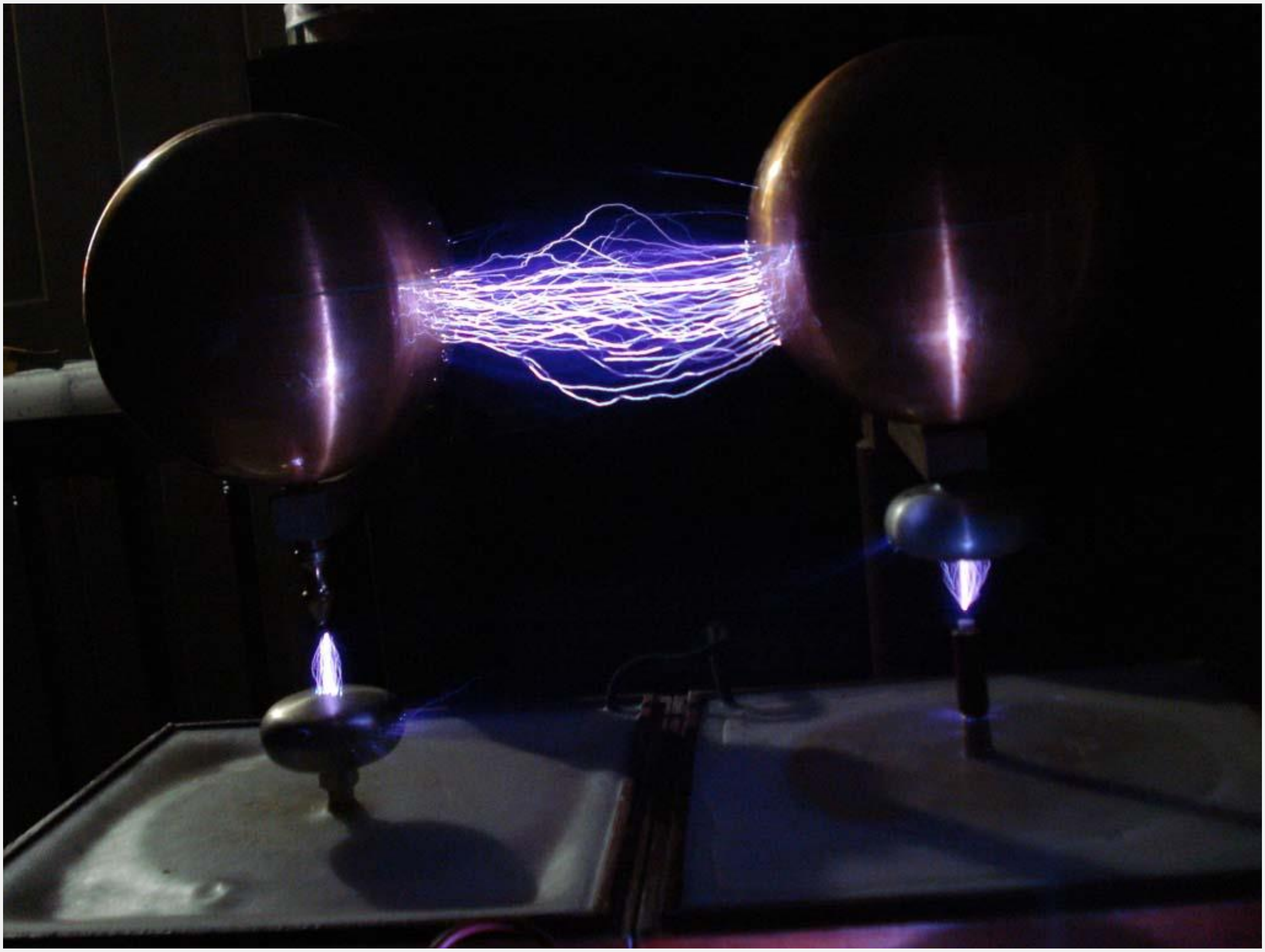


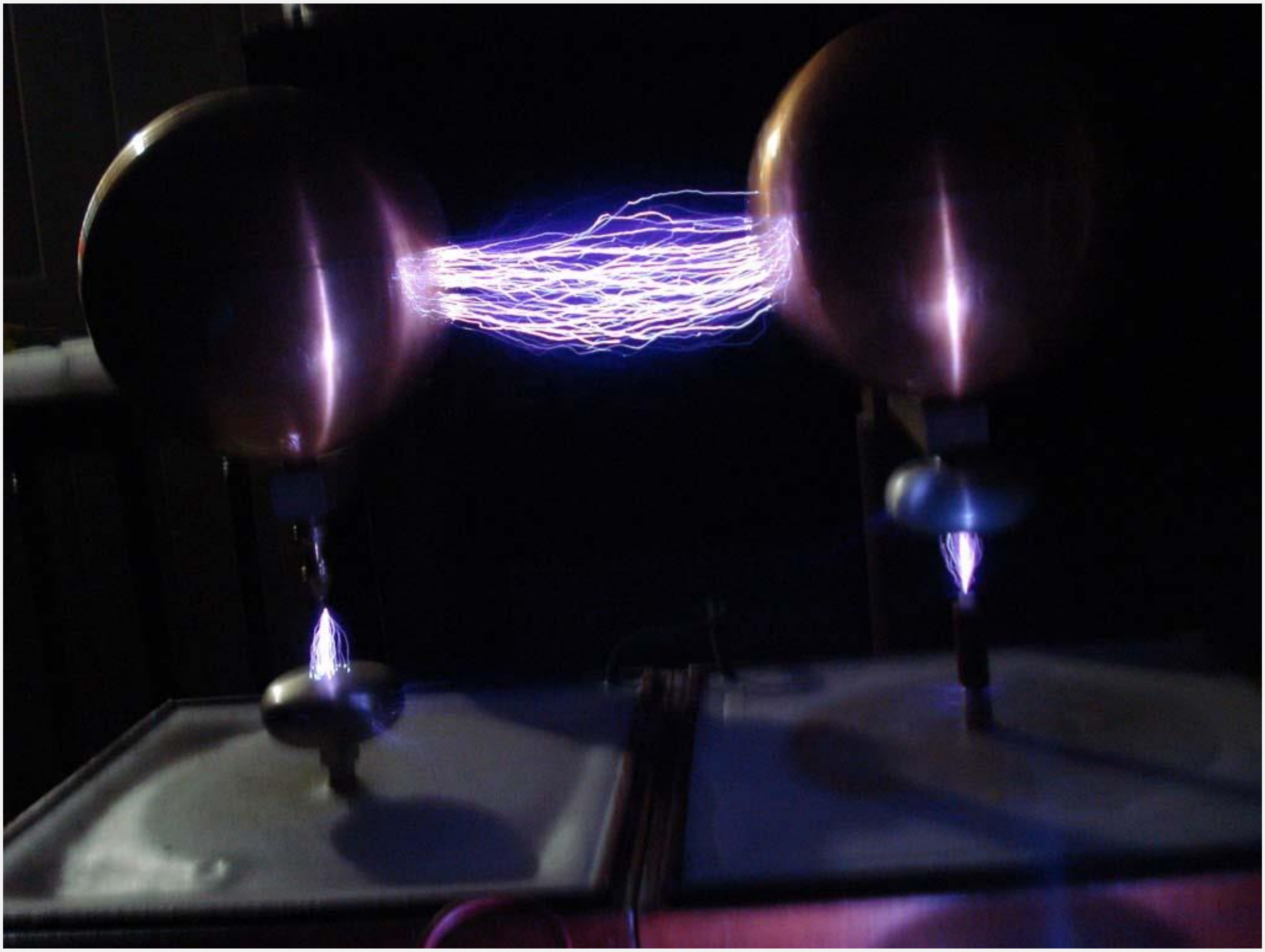
Using oscilloscope tube / Ruhmer's ondoscope tube to show Phantom Streams

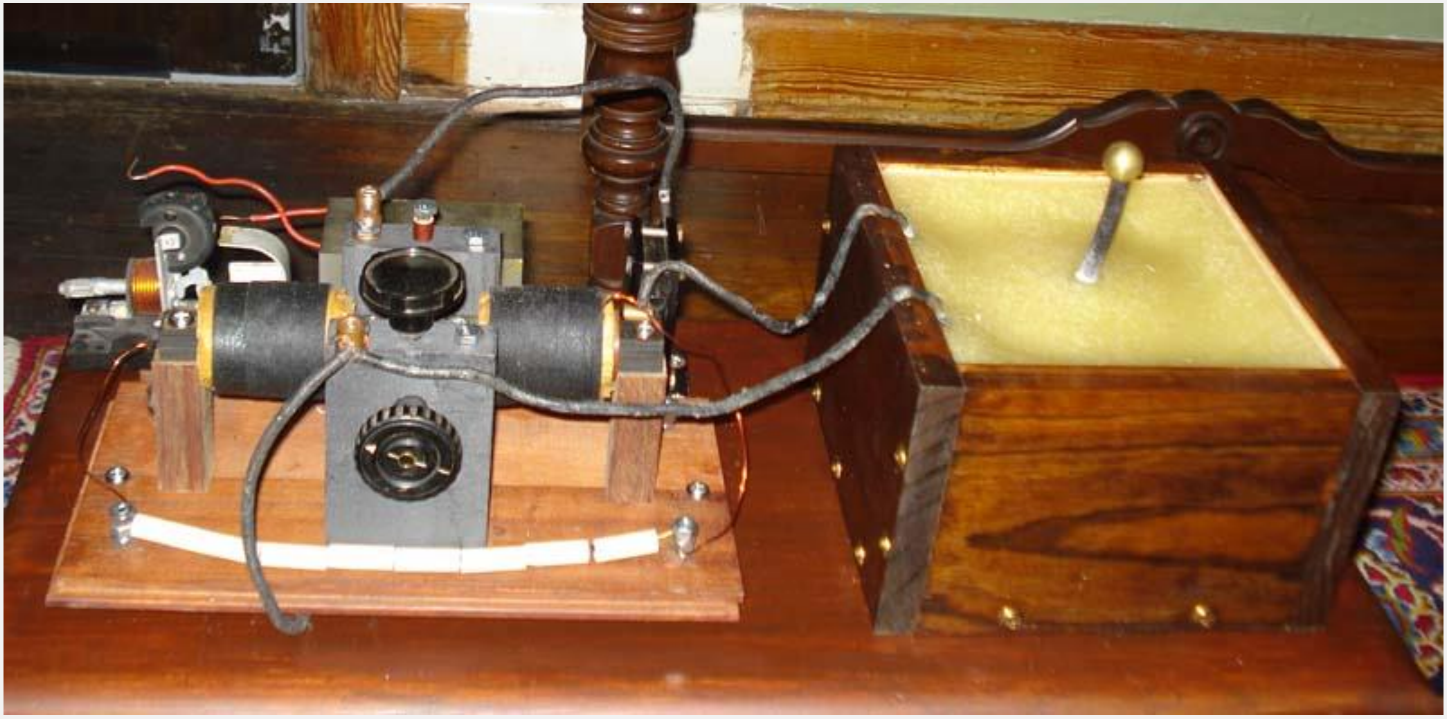


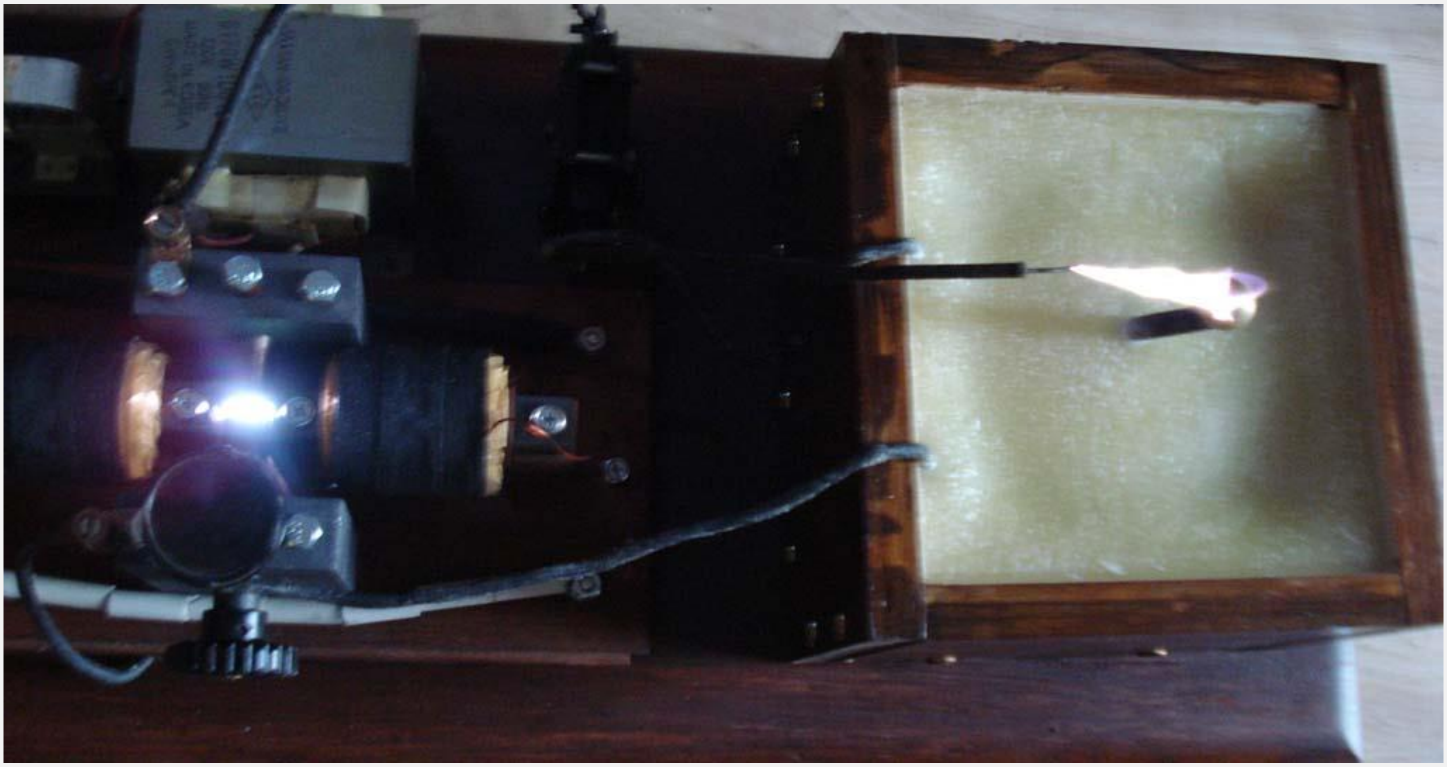


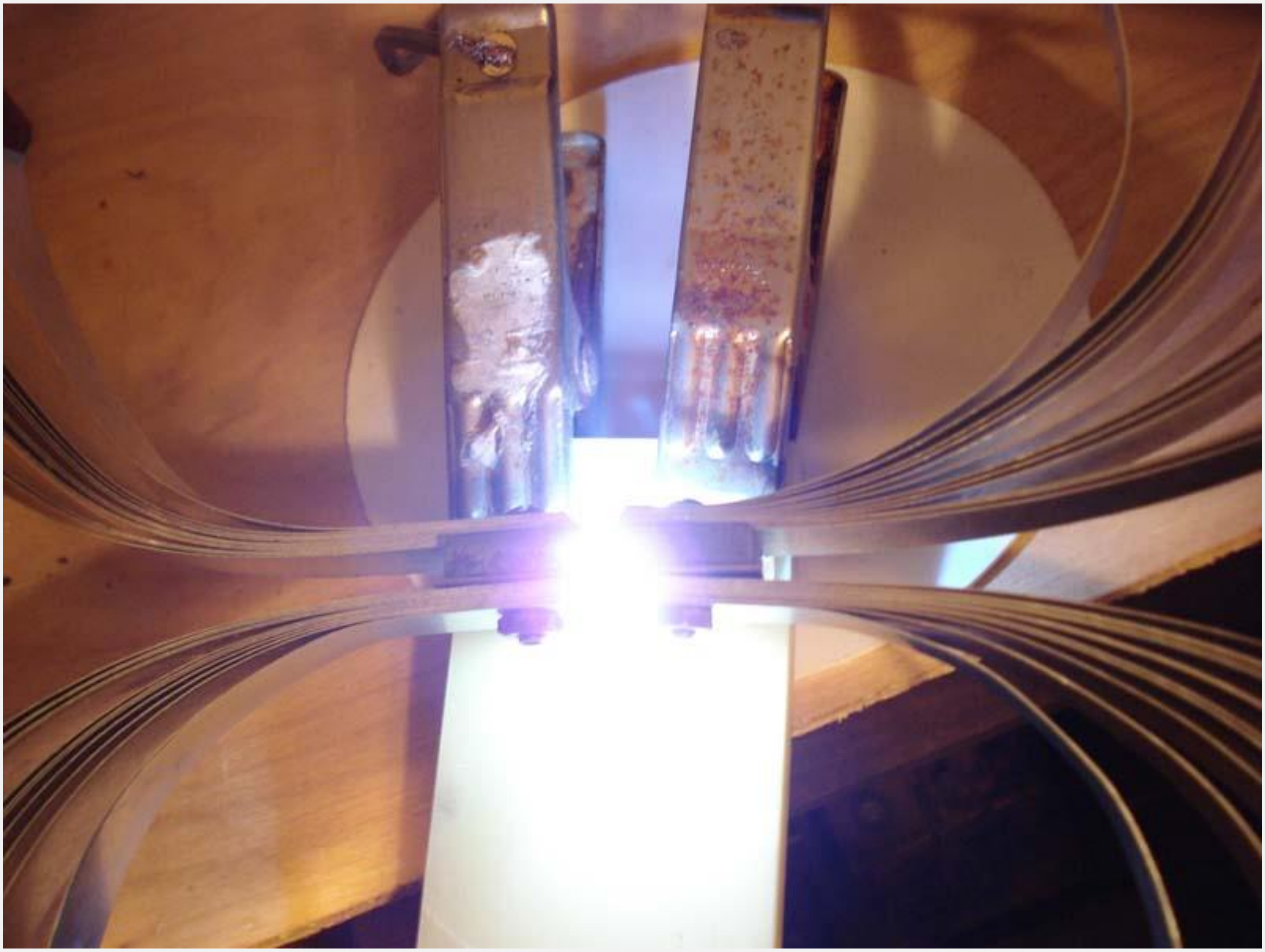


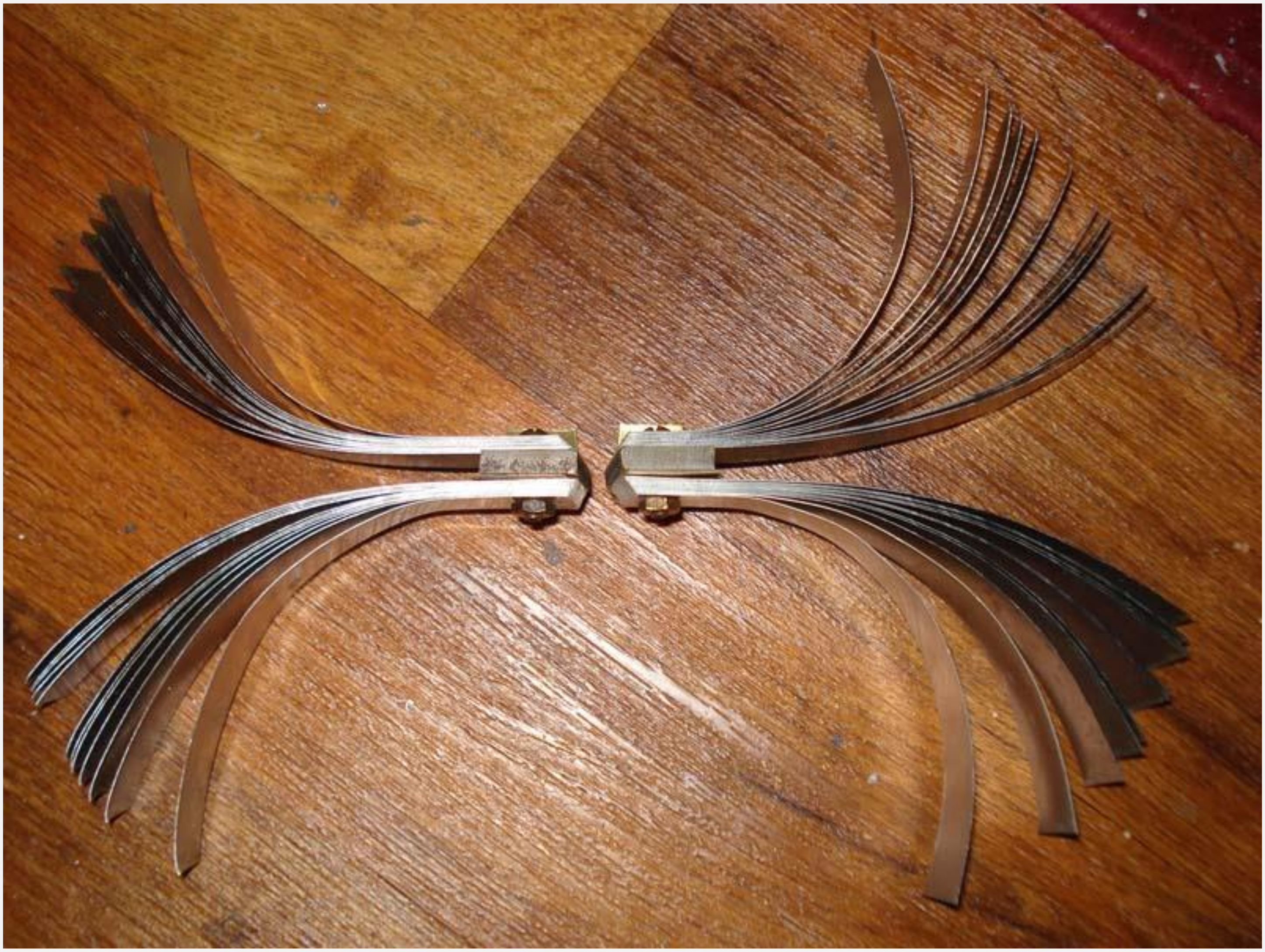


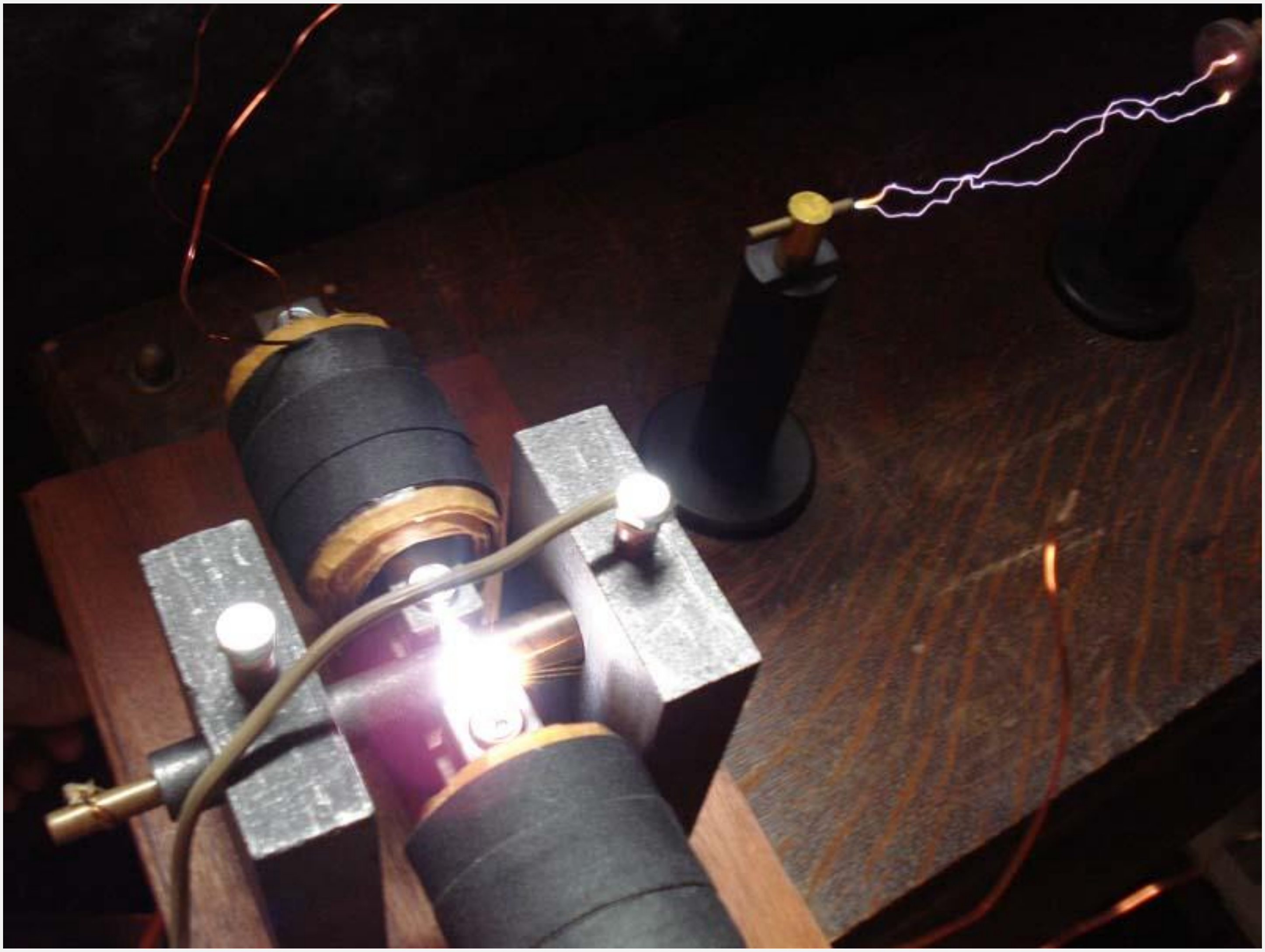


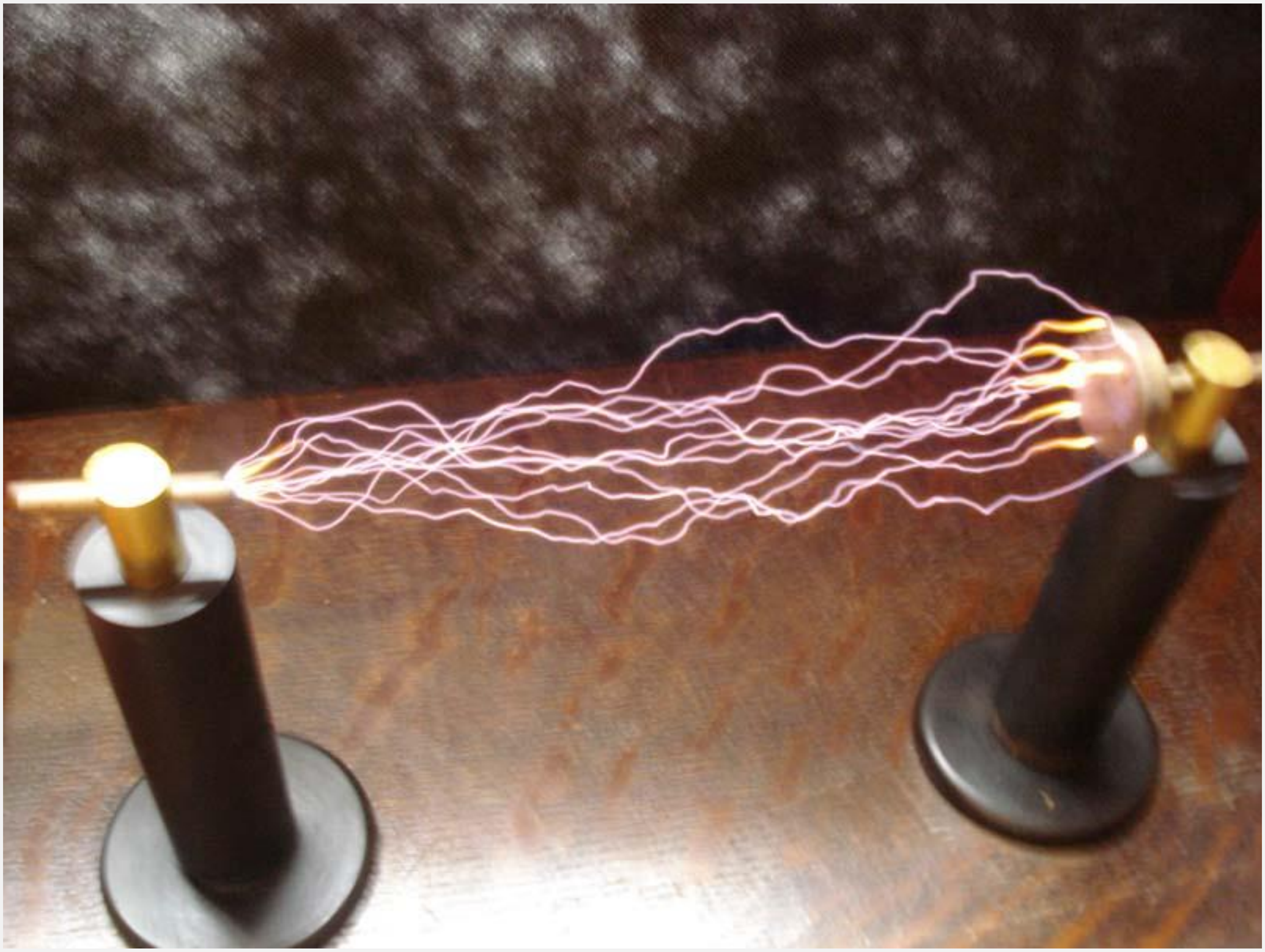


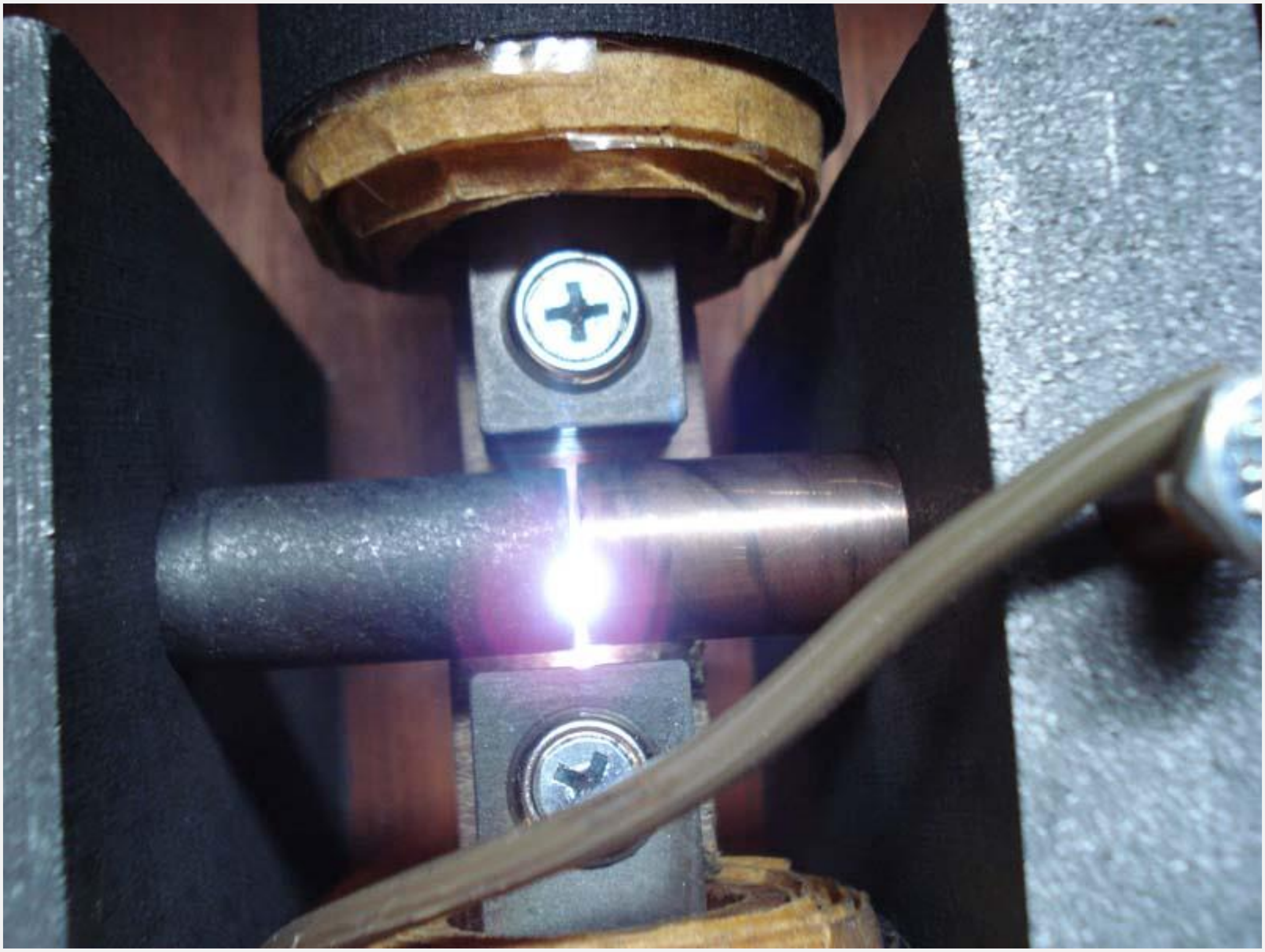


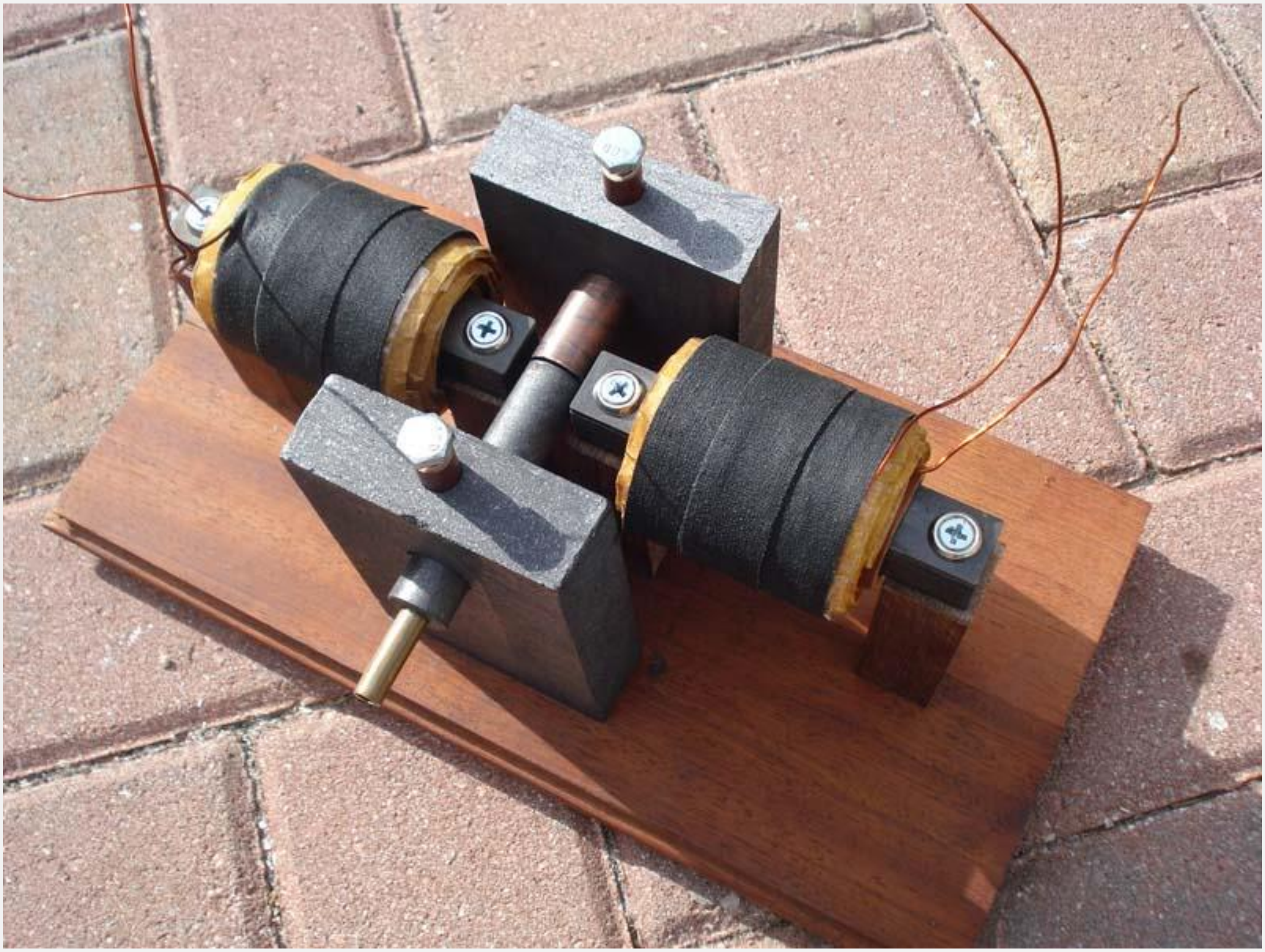


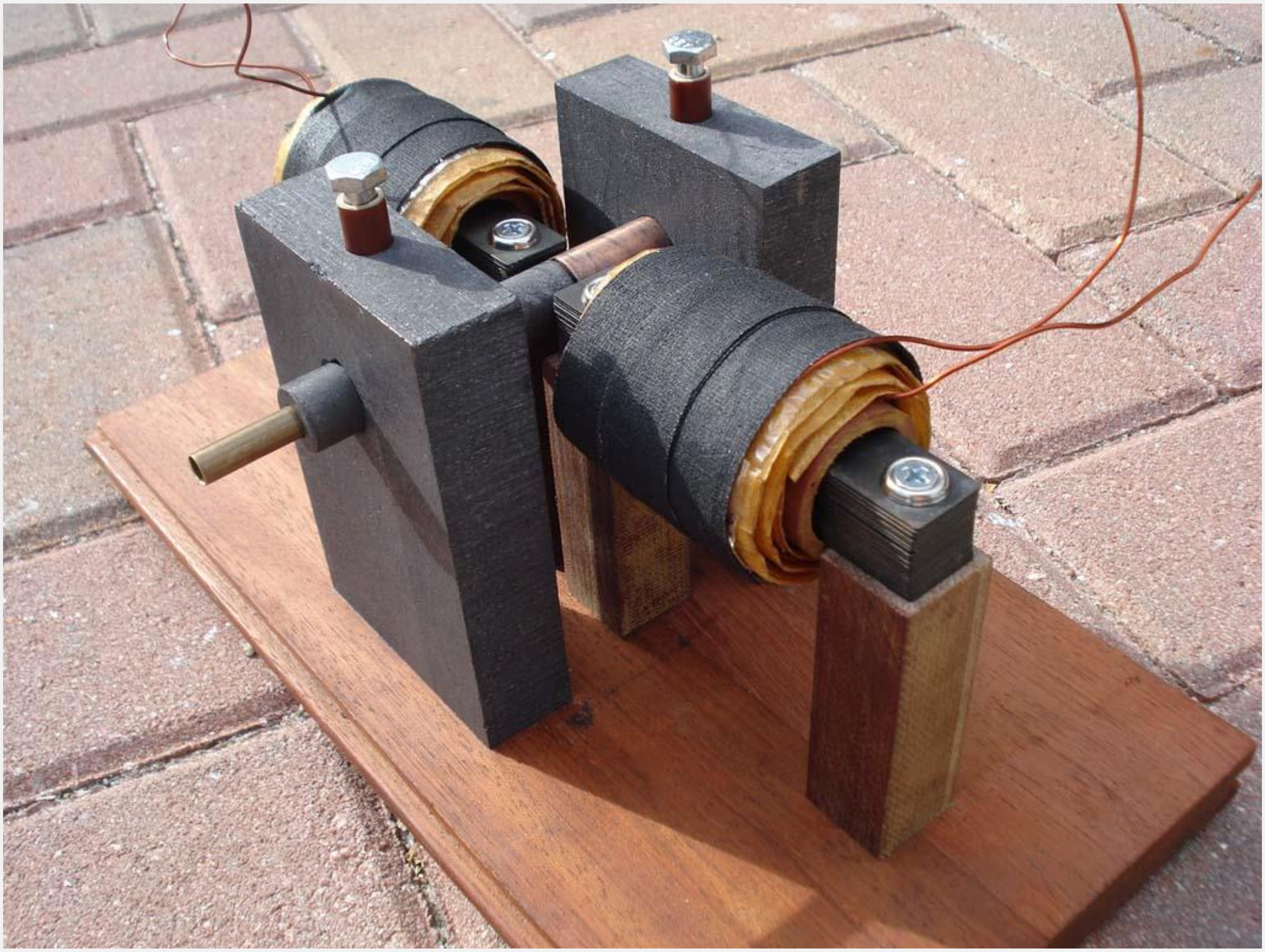




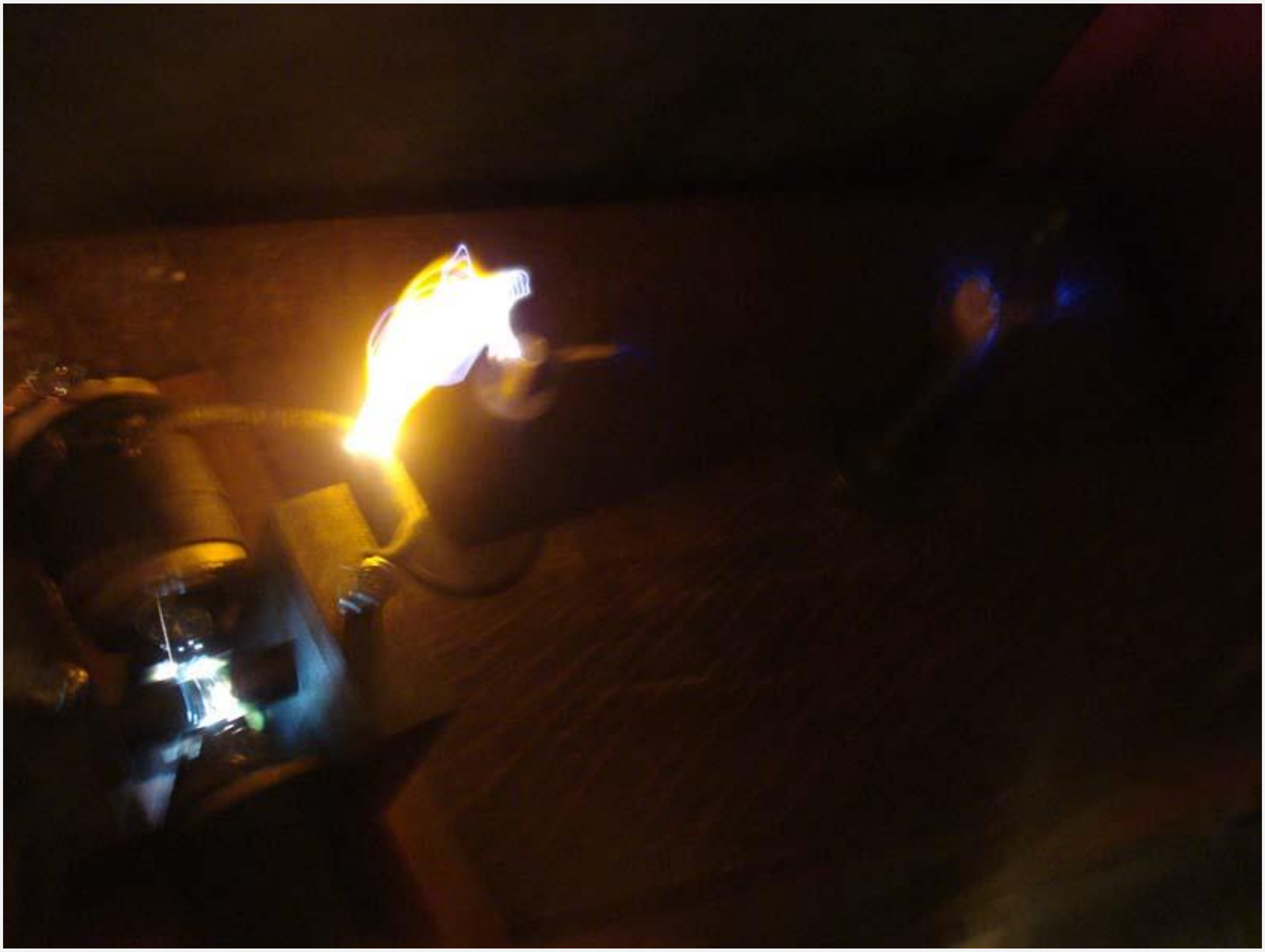


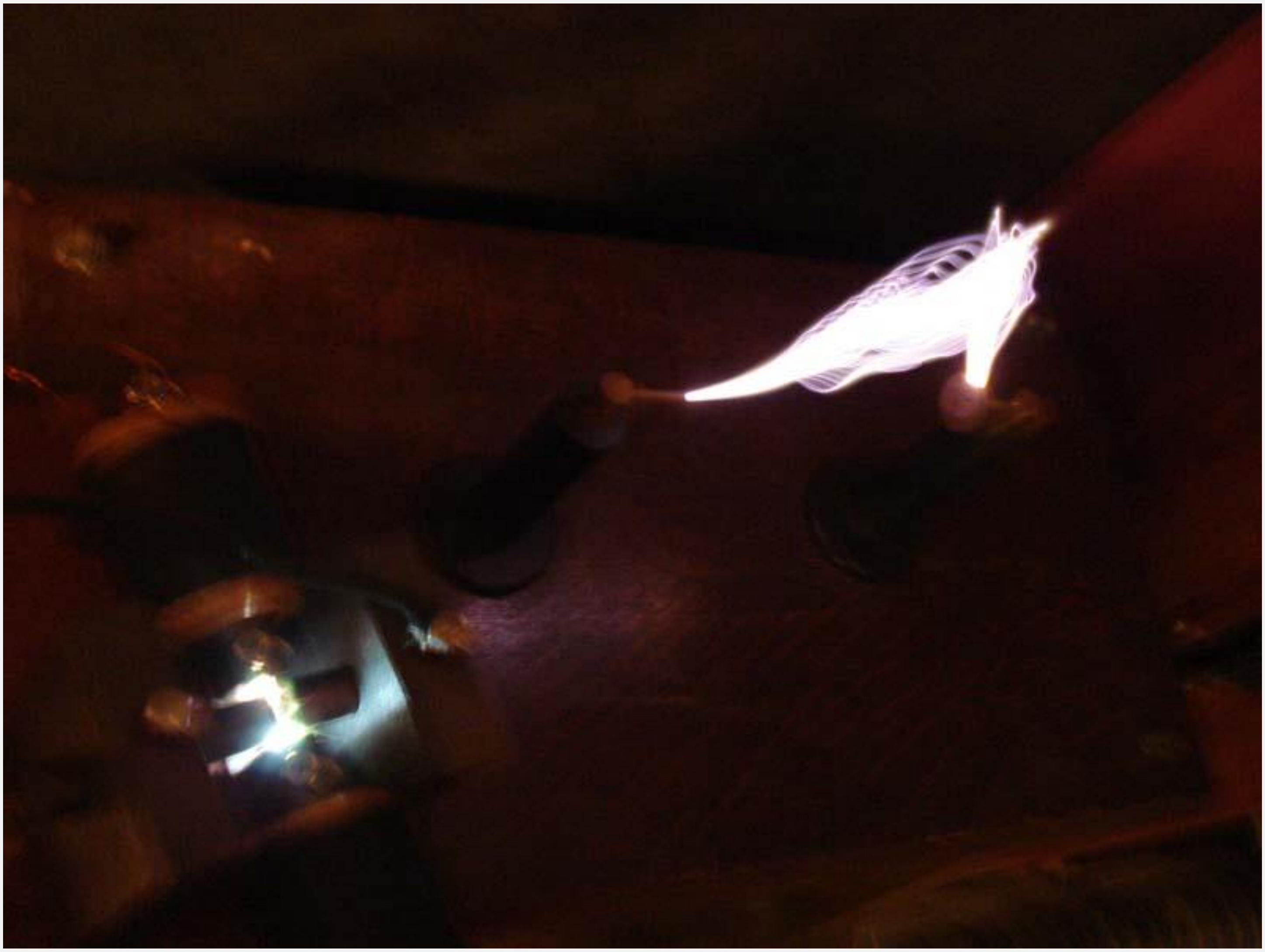


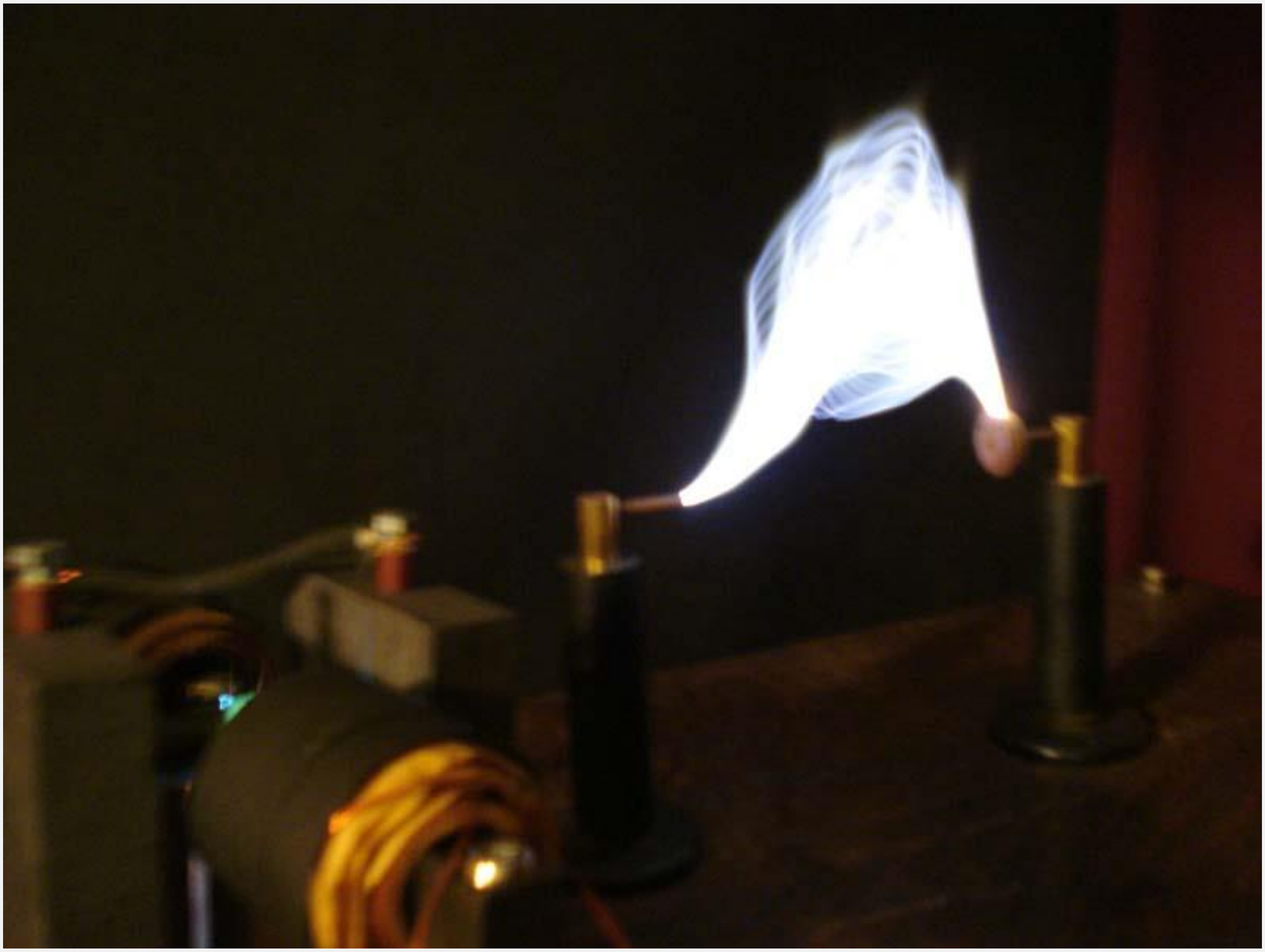


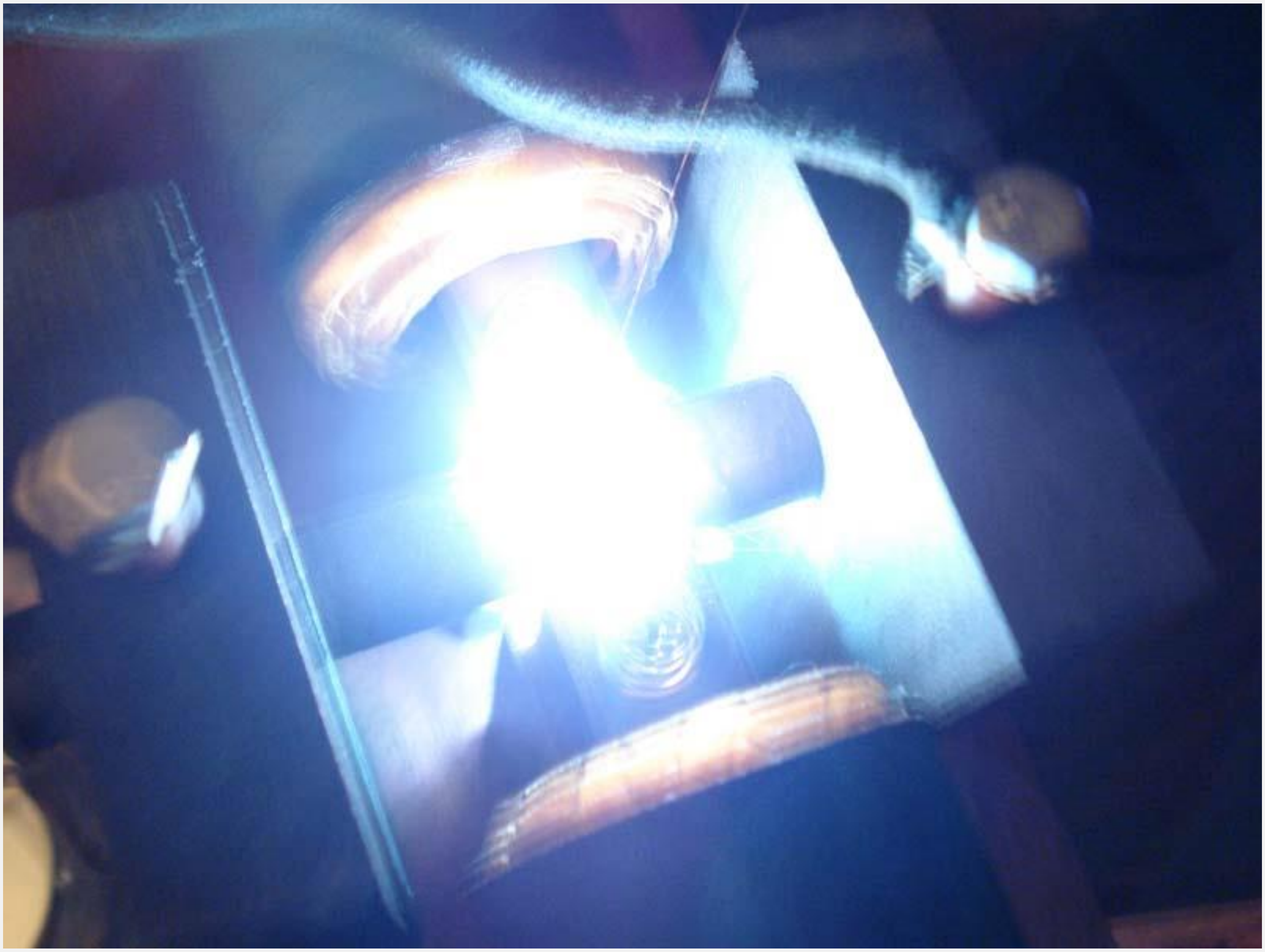


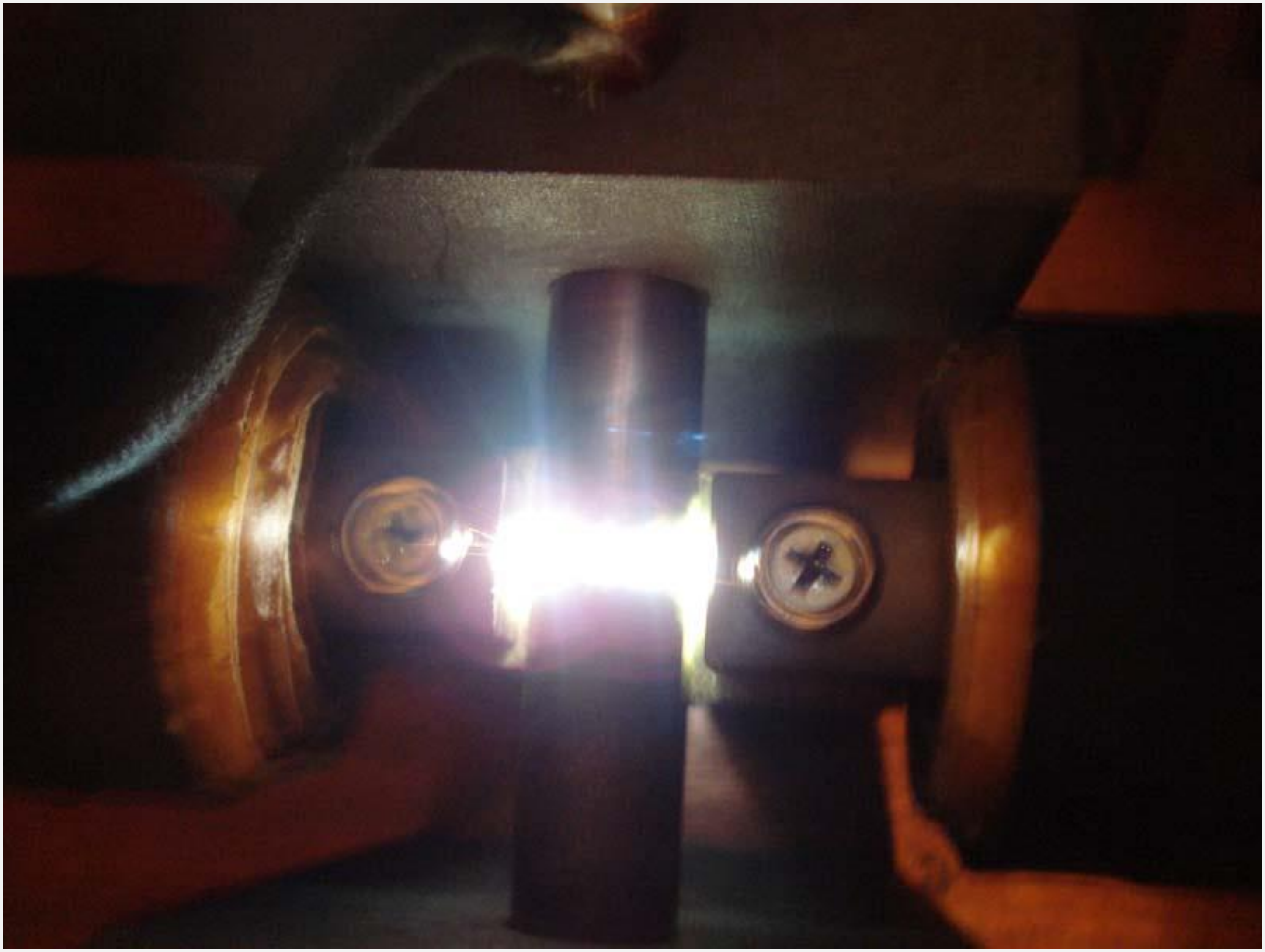
BOCOUR
TURPENTINE
RECTIFIED SPIRITS
DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE.
BOCOUR
2½ FL. OZ.
MORE INFORMATION ON BACK

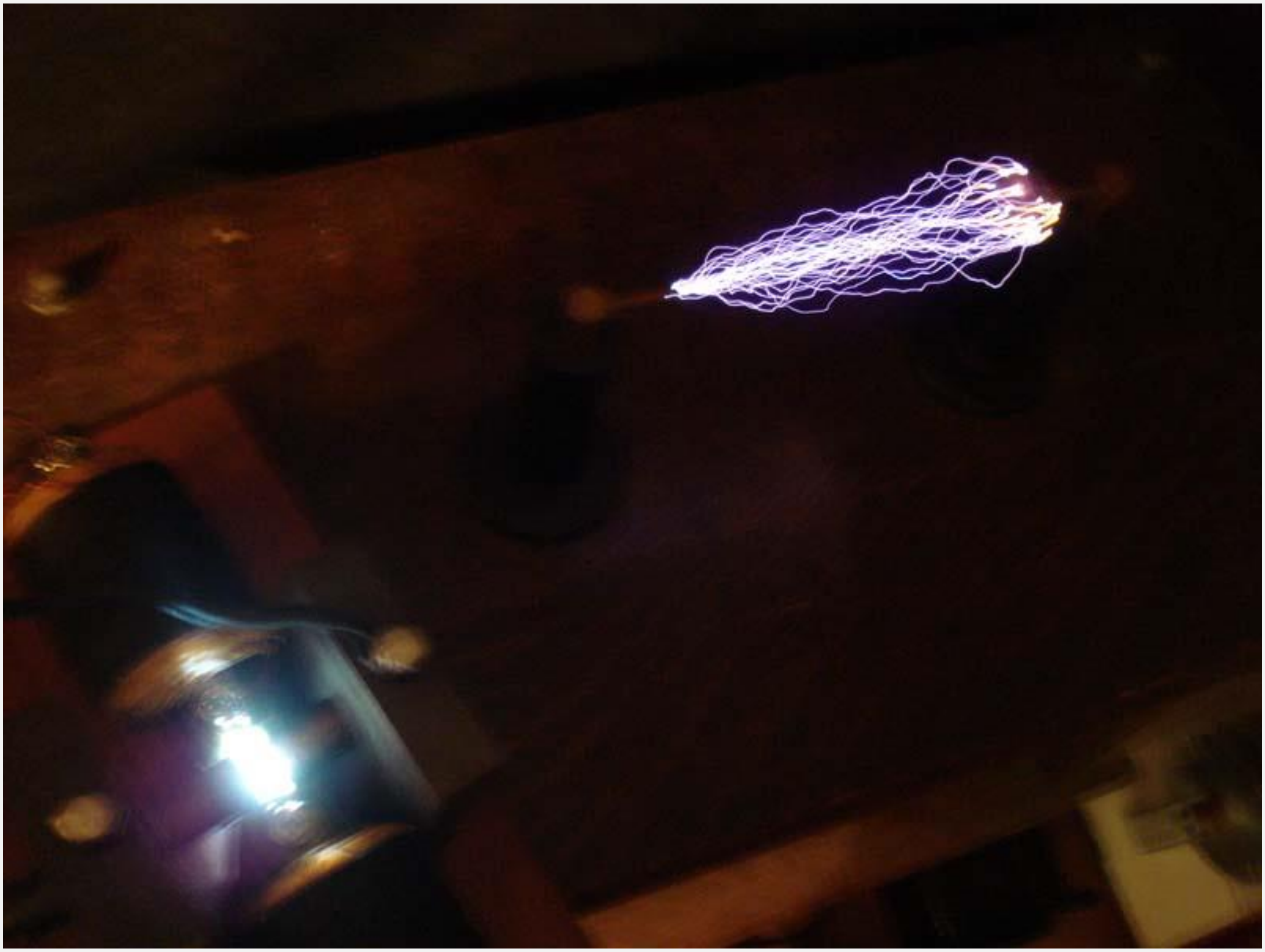


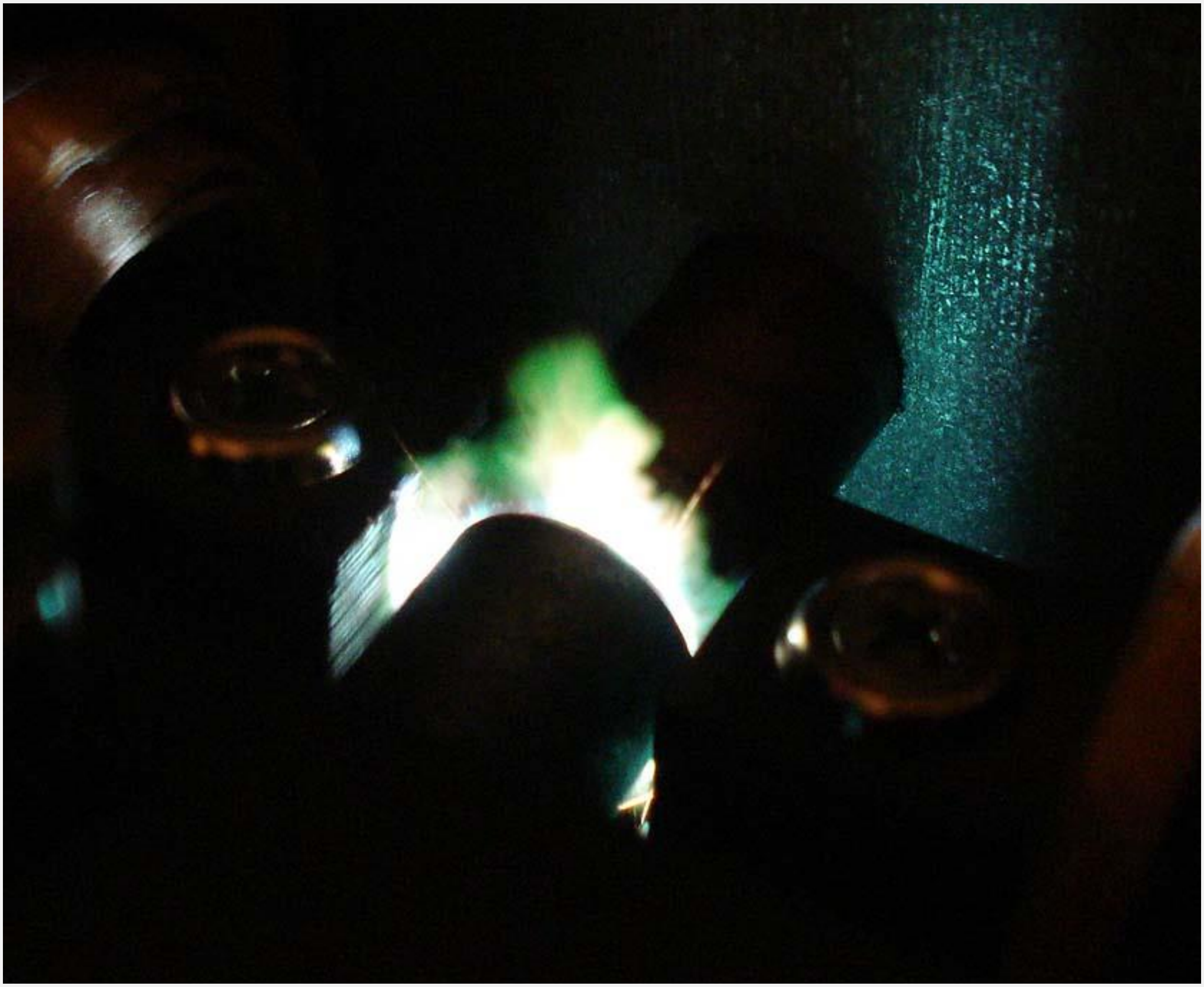




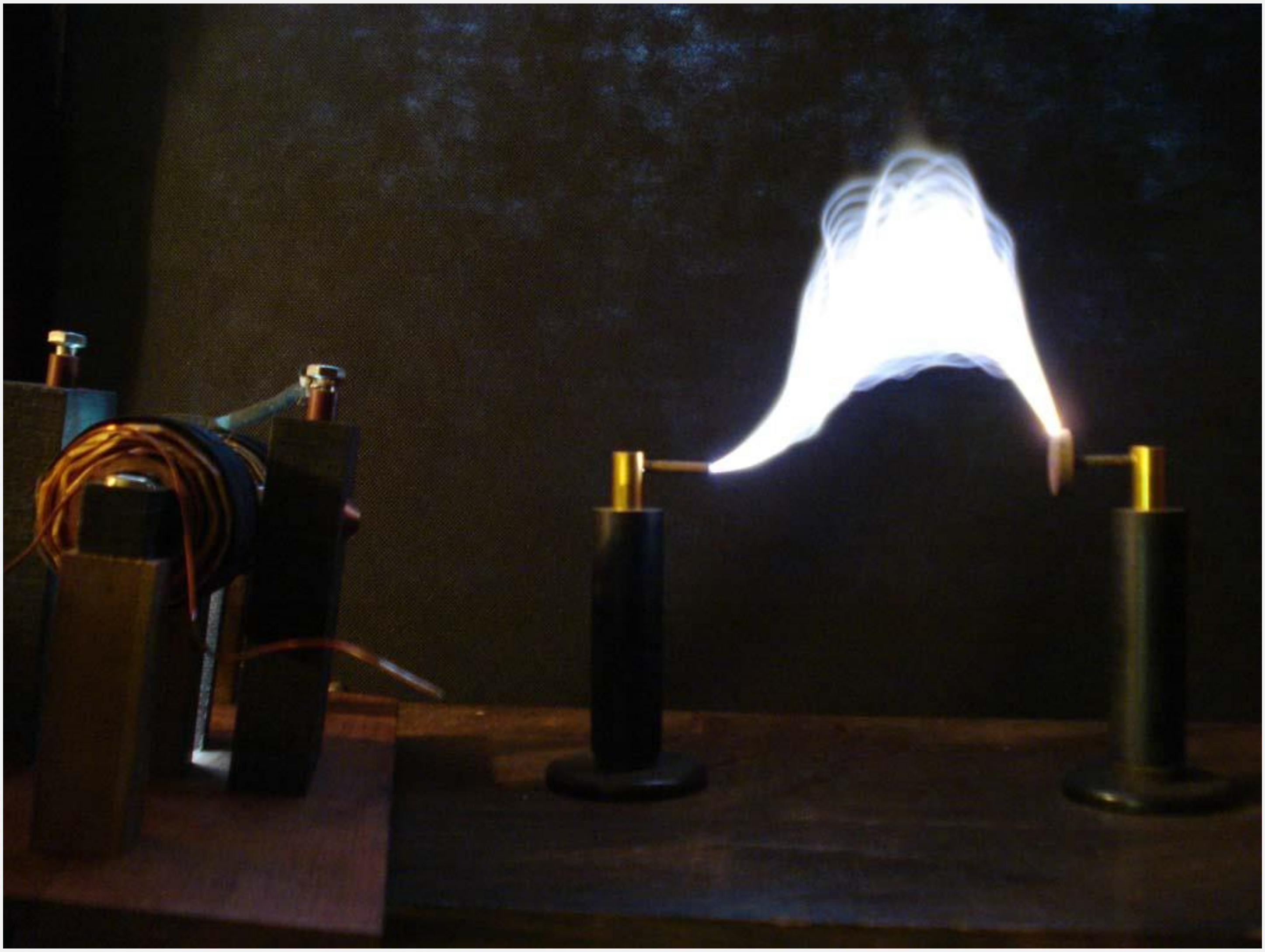


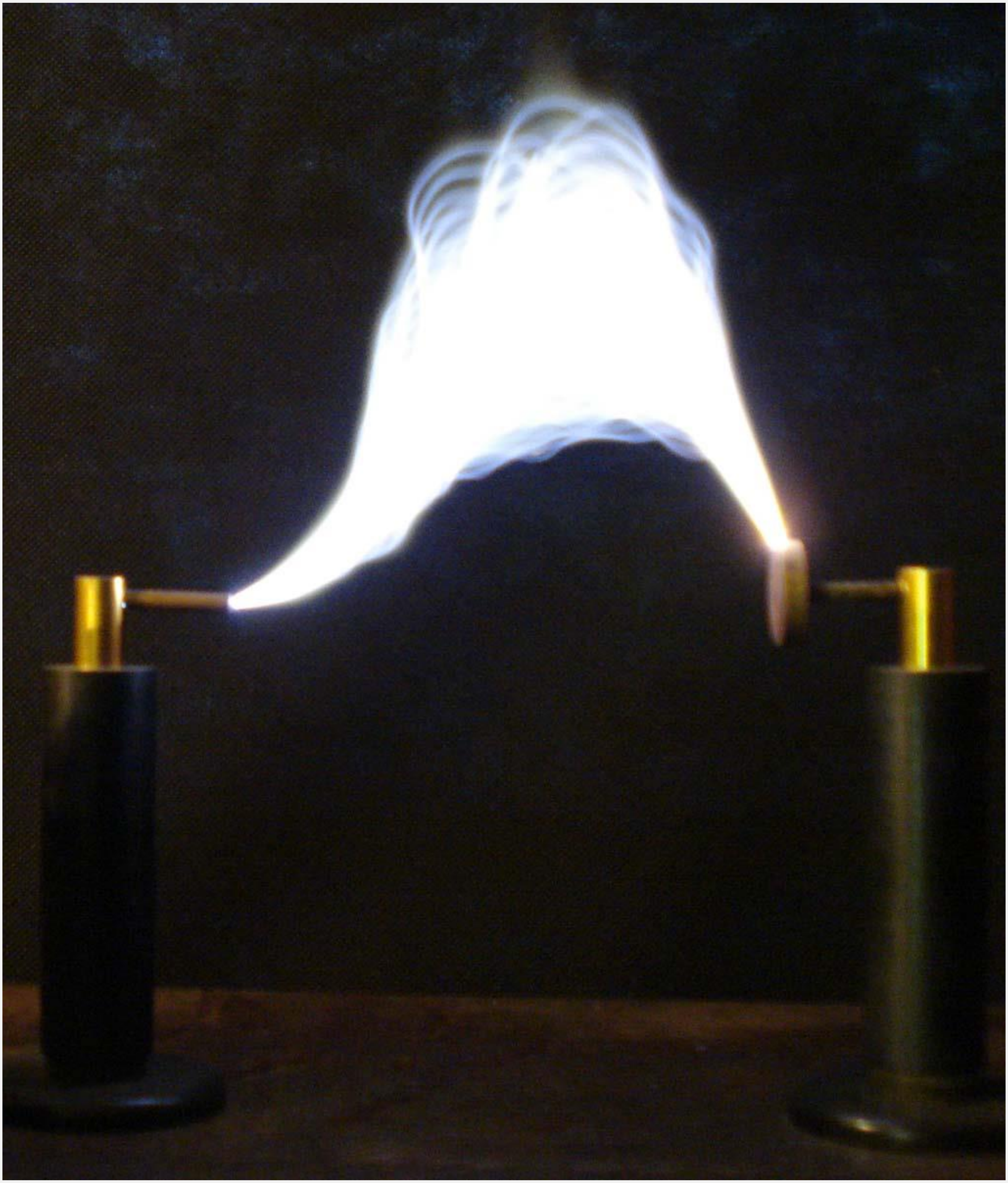


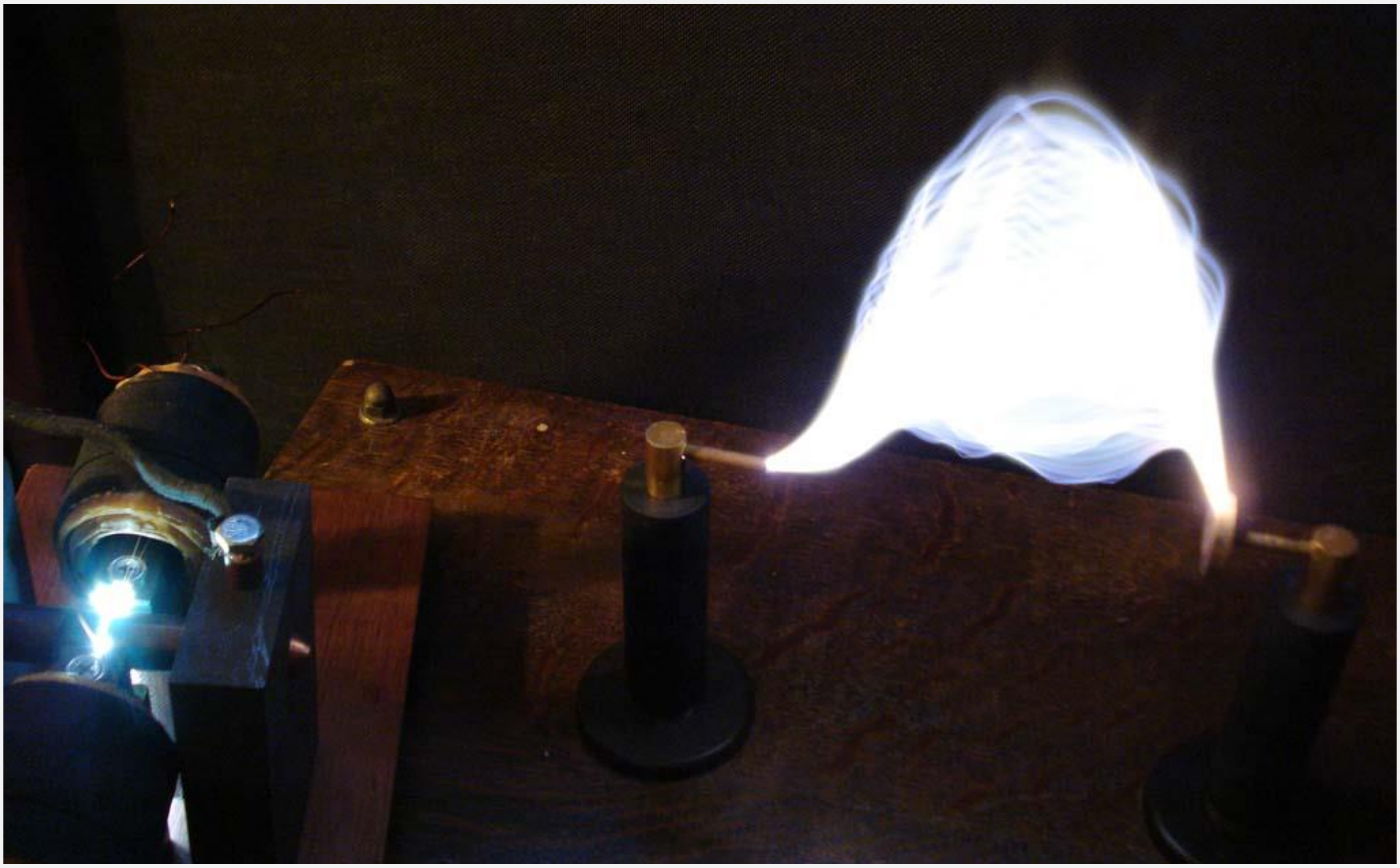




Poulsen arc Tesla Coil experiments

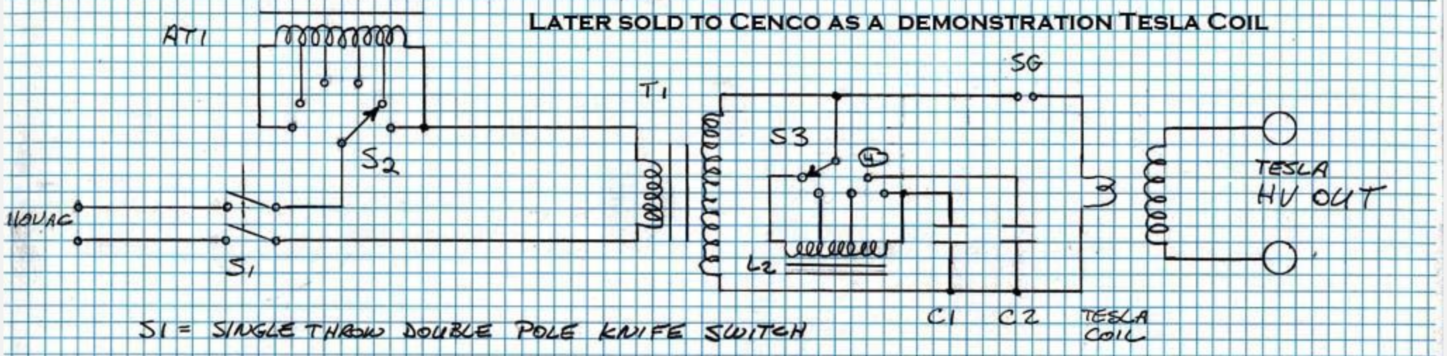






H.G. FISCHER TYPE H X-RAY MACHINE

LATER SOLD TO CENCO AS A DEMONSTRATION TESLA COIL



S1 = SINGLE THROW DOUBLE POLE KNIFE SWITCH

AT1 = TAPPED CHOKE WOUND ON IRON CORE

S2 = 6 POSITION BUTTON SWITCH ⇒ USED TO SET POWER LEVELS BY ADJUSTING AC INPUT TO HV TRANSFORMER T1

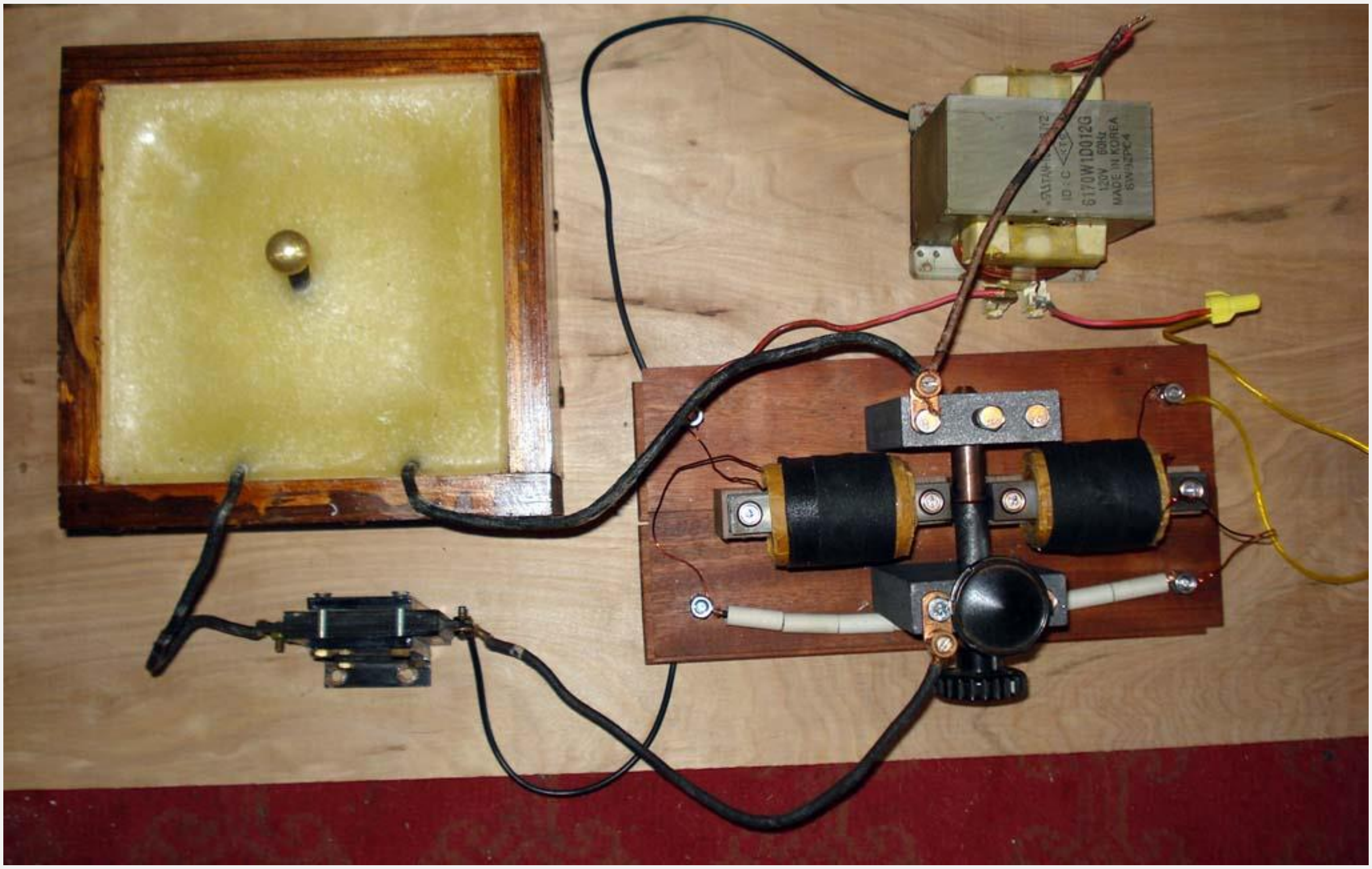
T1 = DRY TYPE HV TRANSFORMER - **1500V 1000MA**

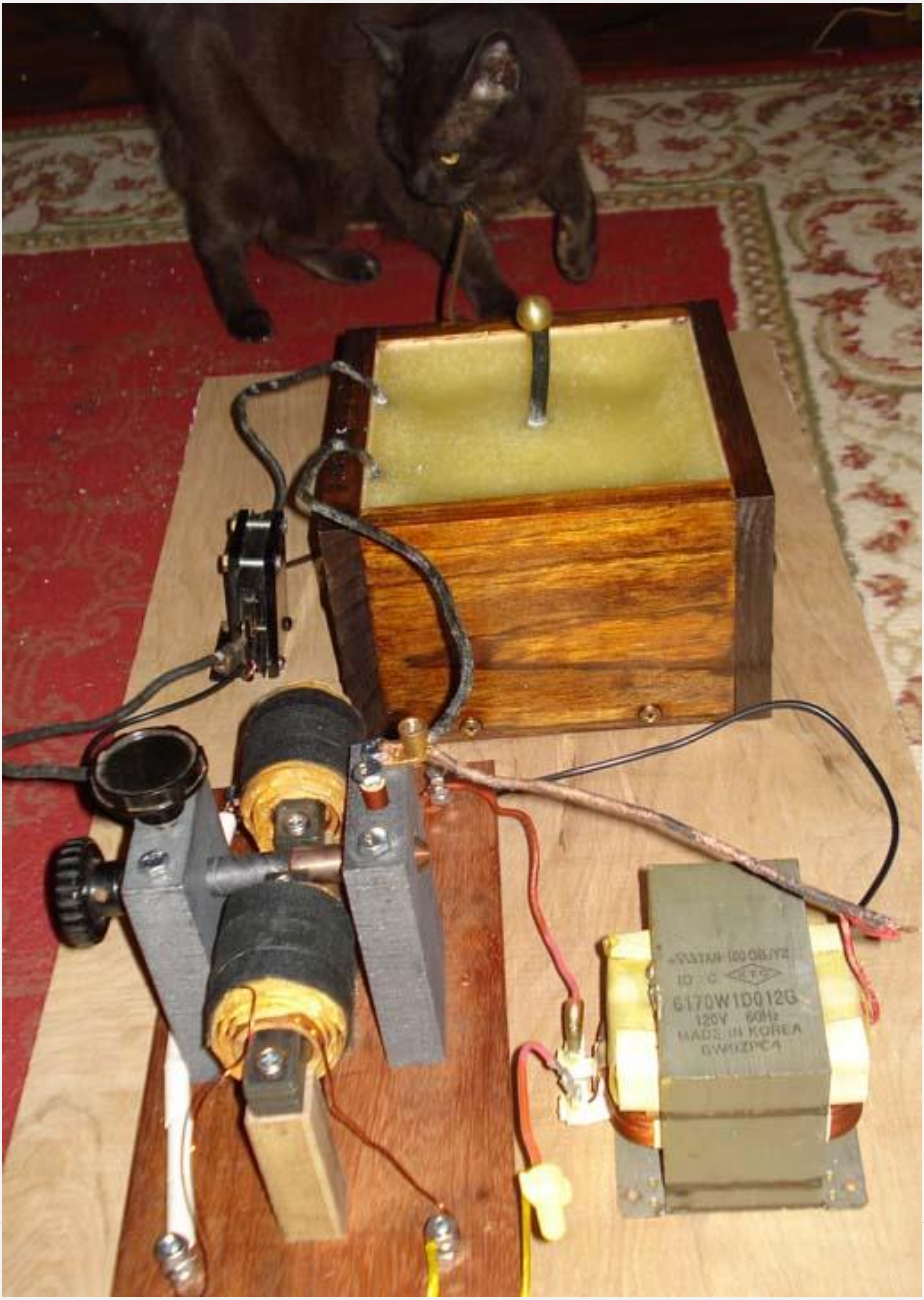
S3 = 4 POSITION BUTTON SWITCH WITH EXTRA CONTACT
↳ USED TO ADJUST THE FREQUENCY AND RESONANCE OF THE OUTPUT AND THUS THE LENGTH AND TYPE OF TESLA SPARK.
WHEN SWITCH IS IN POSITION ④, THE INDUCTOR L2 IS OUT OF THE CIRCUIT AND C1 AND C2 ARE IN PARALLEL WITH THE OUTPUT OF T1.
ALL OTHER POSITIONS, C1 IS IN SERIES WITH L2 AT THE VARIOUS TAPPED POSITIONS.

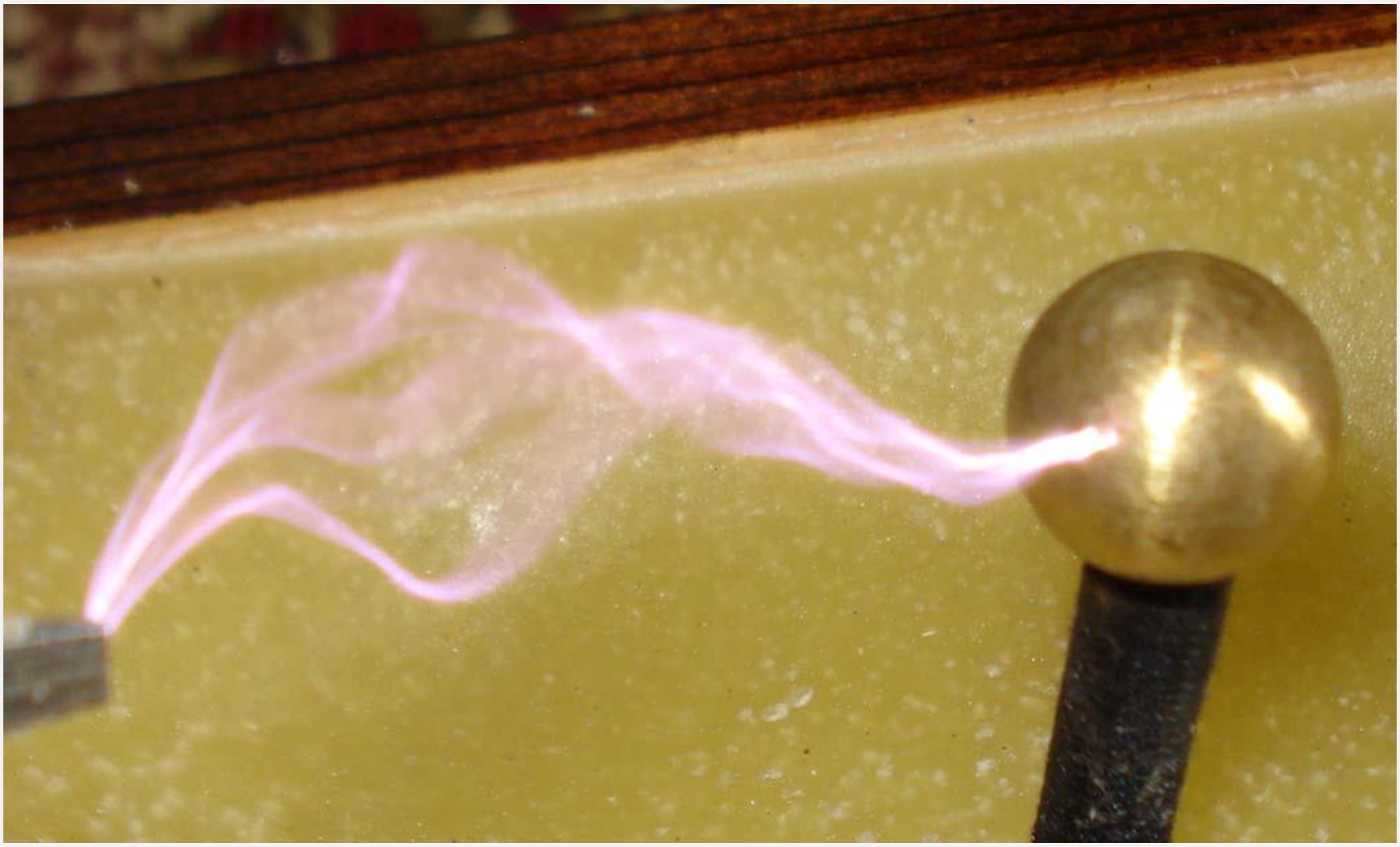
C1 = 0.1µF MICA CAPACITOR **(FOR THESE TESTS, LAST POSITION OF S3 WAS USED, NO INDUCTANCE OF L2, BOTH CAPS IN PARALLEL FOR .6 MFD)**

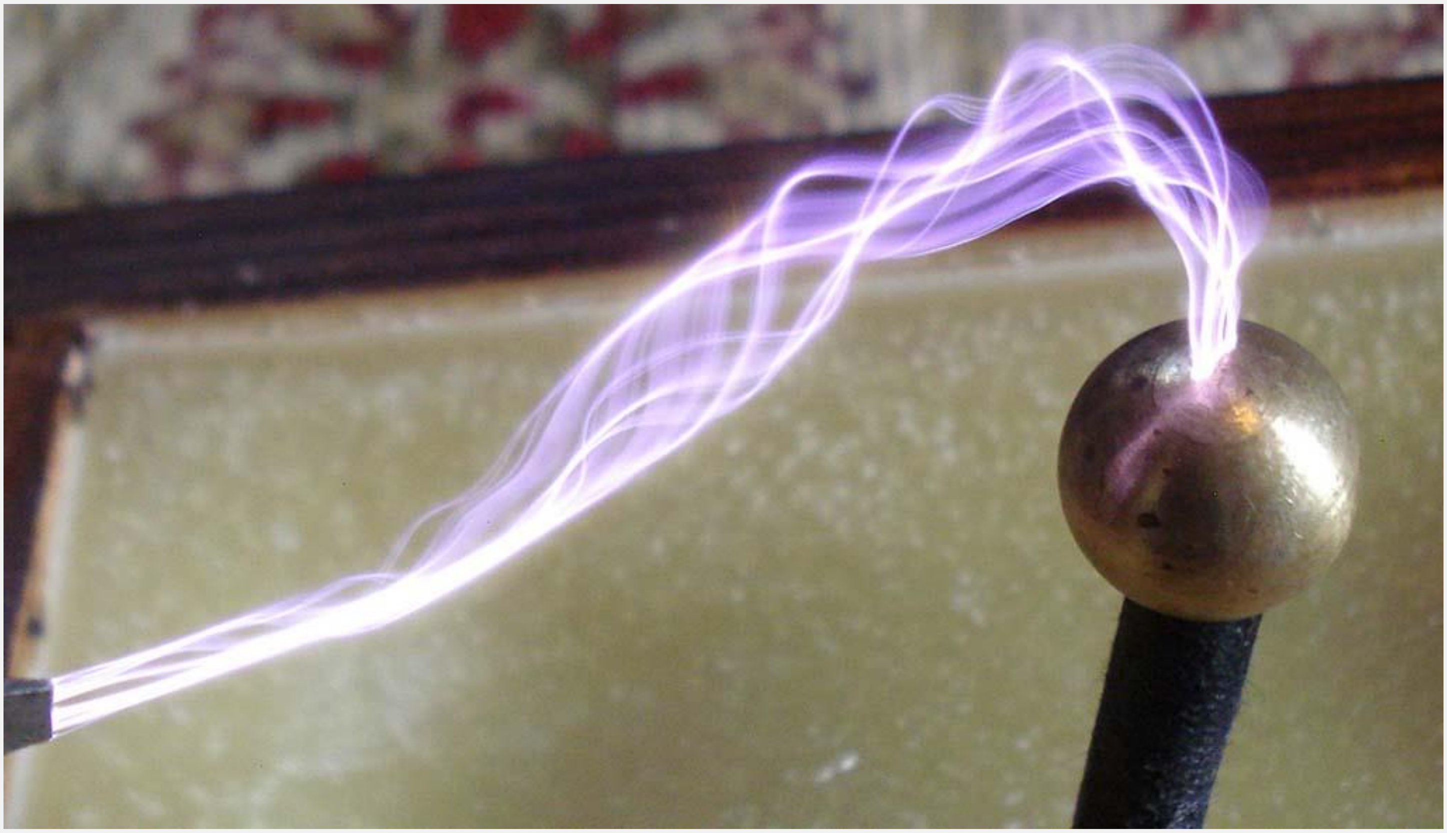
C2 = 0.5µF MICA CAPACITOR

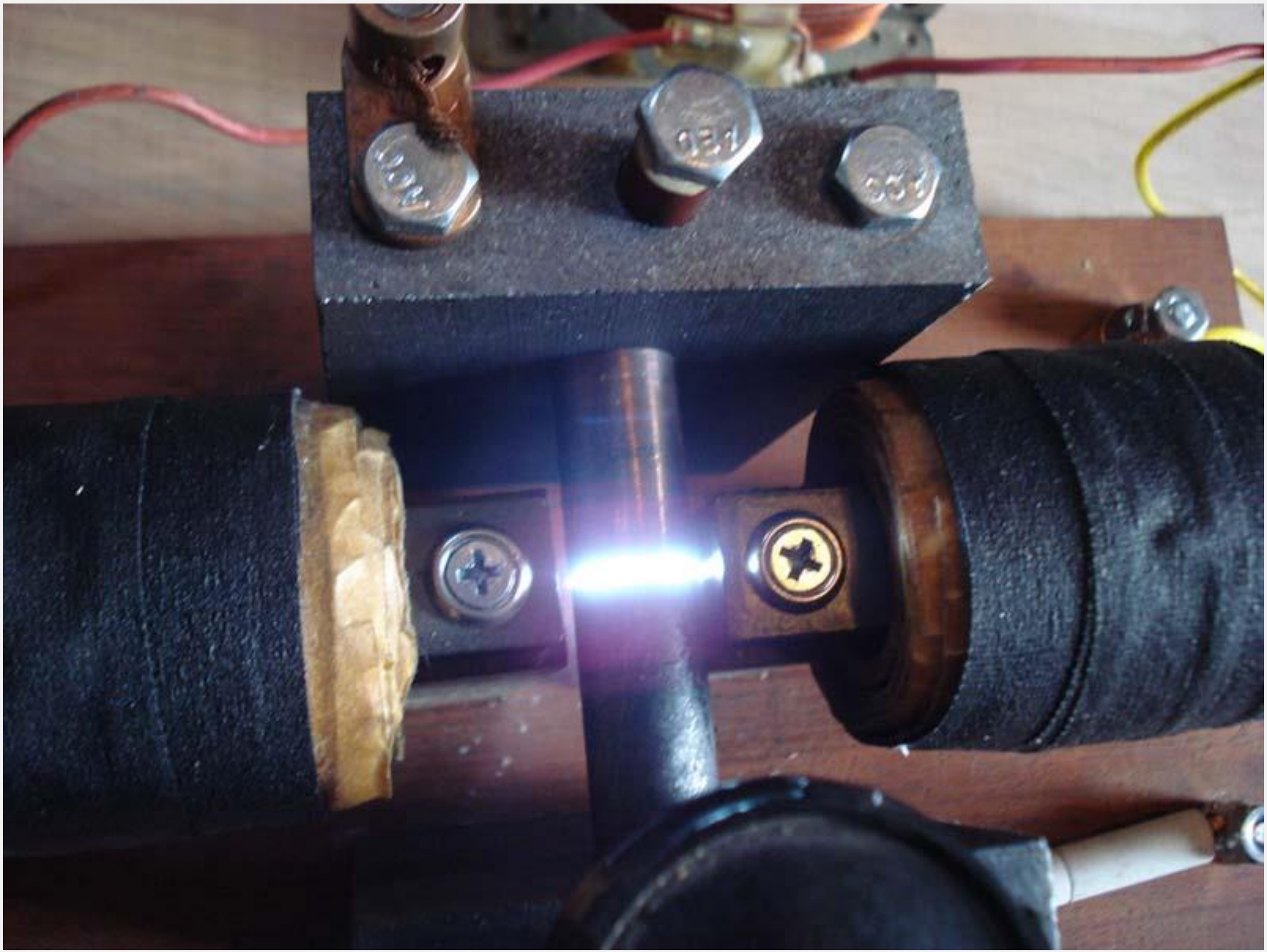
TESLA COIL ⇒ COIL IN A SEALED WOODEN BOX 15" × 7½" × 3½". 3 SIDES OF THE BOX ARE ½" WOOD. APPEARS TO BE FULL OF BEESWAX.
NO ELECTRICAL CONNECTION BETWEEN THE PRIMARY AND SECONDARY

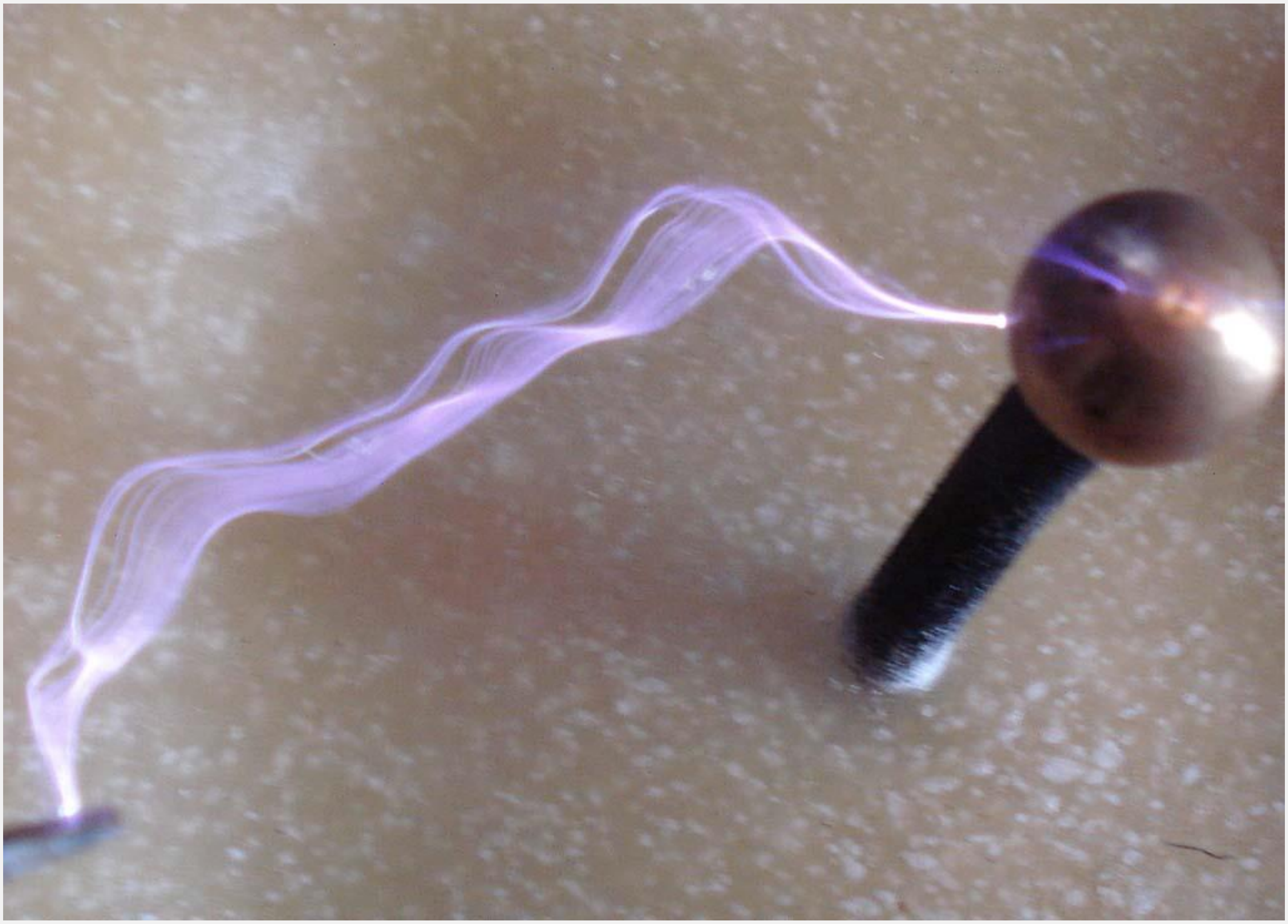


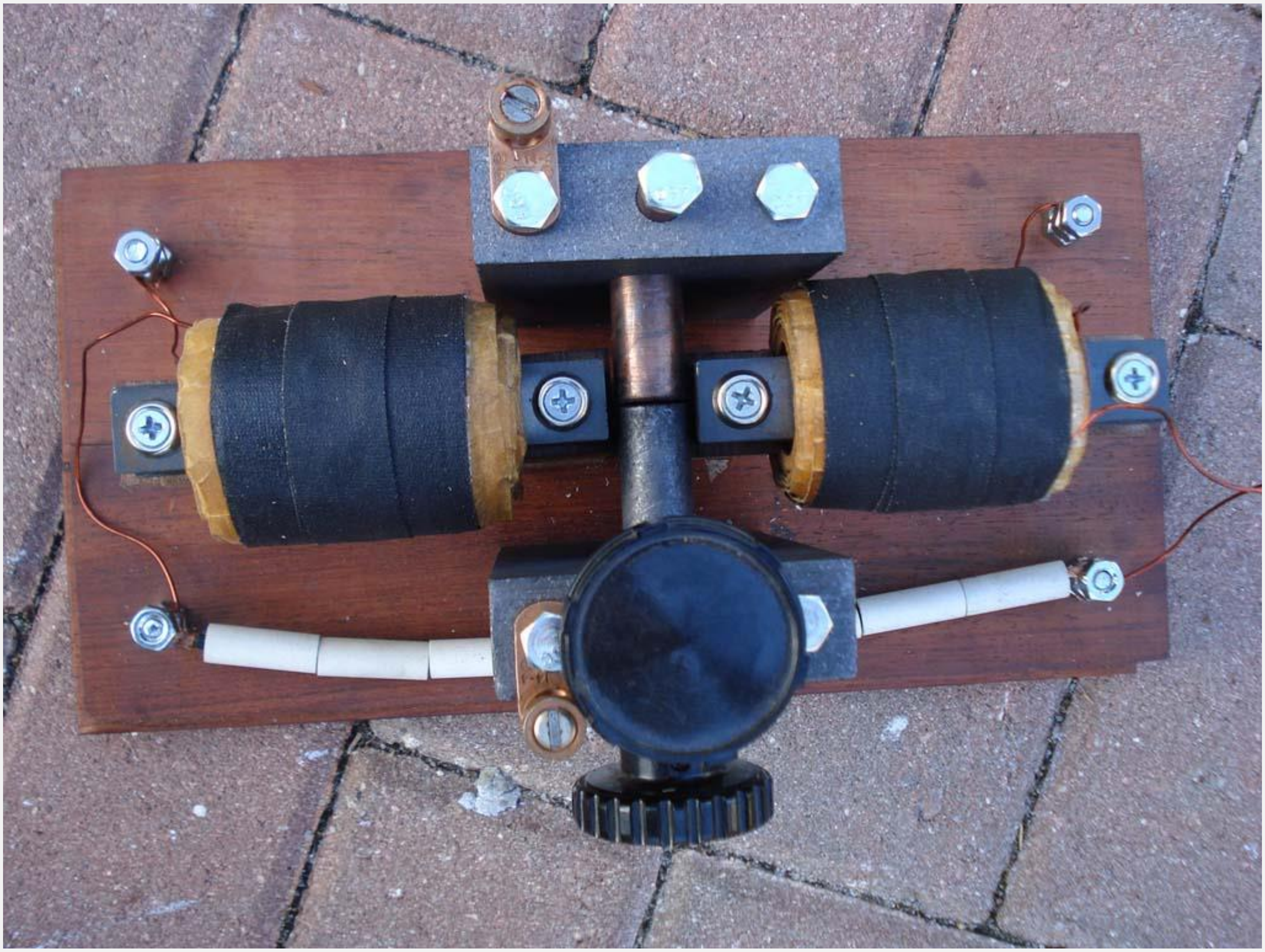

6170W1D012G
120V 60Hz
MADE IN KOREA

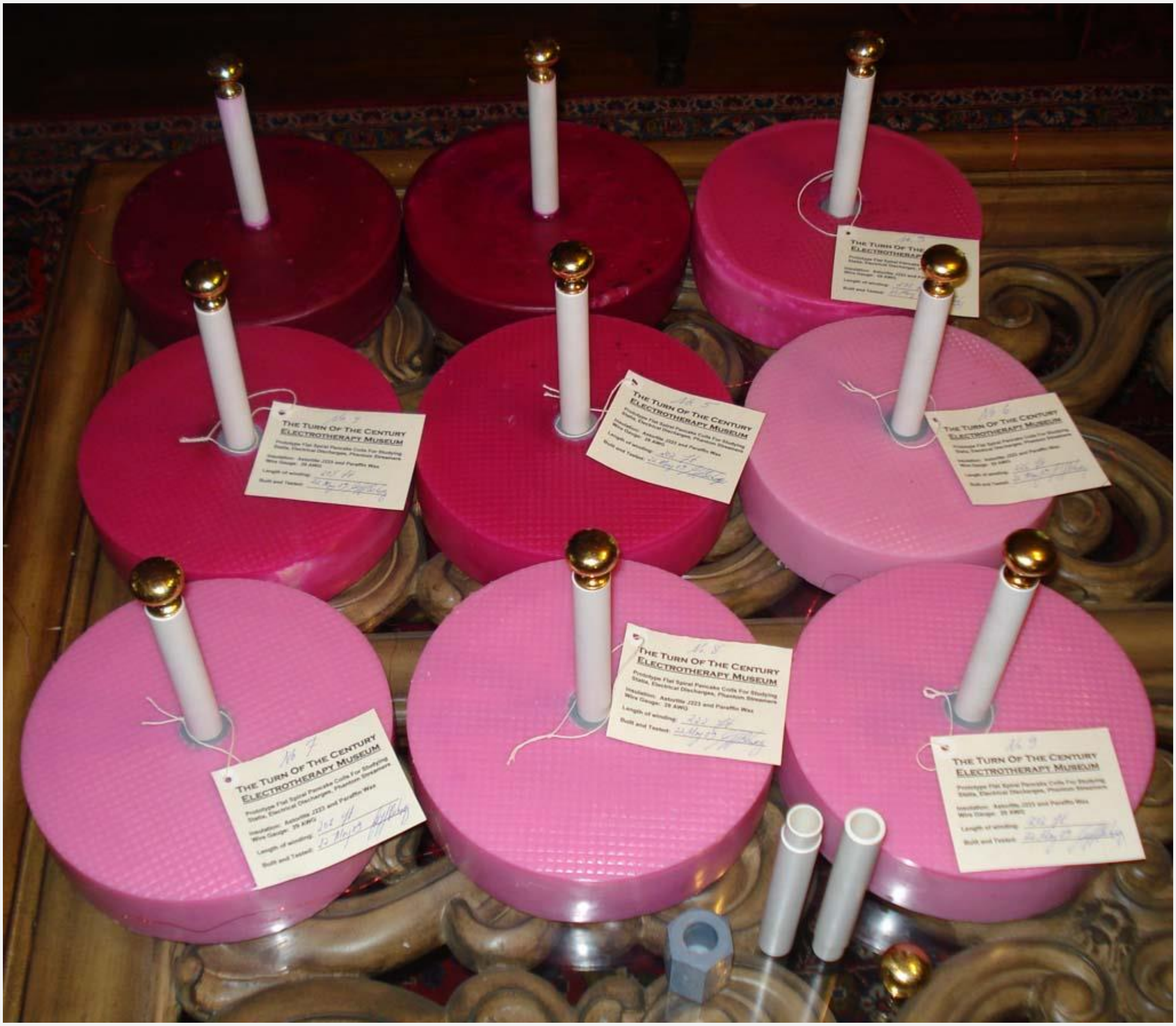






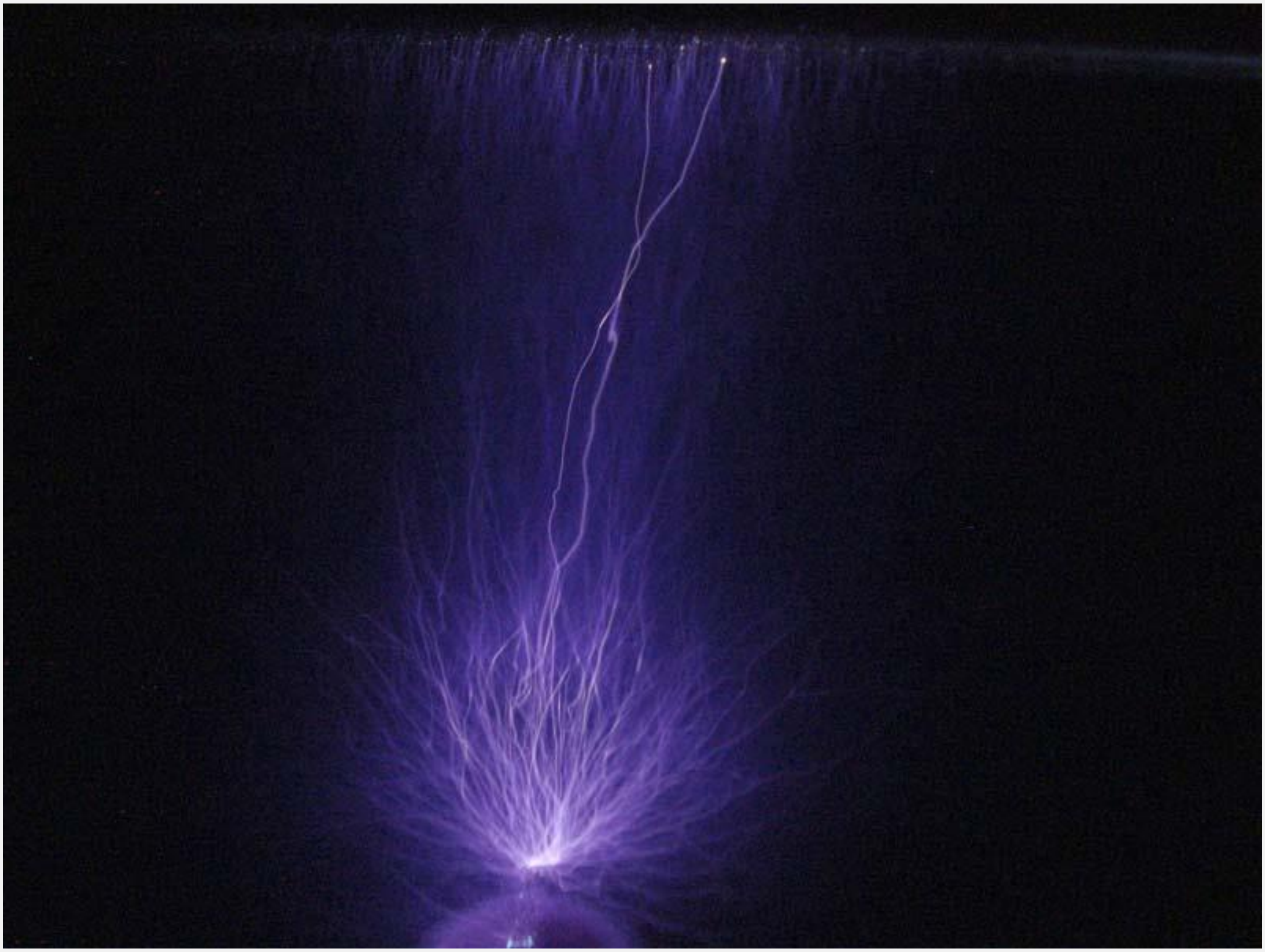


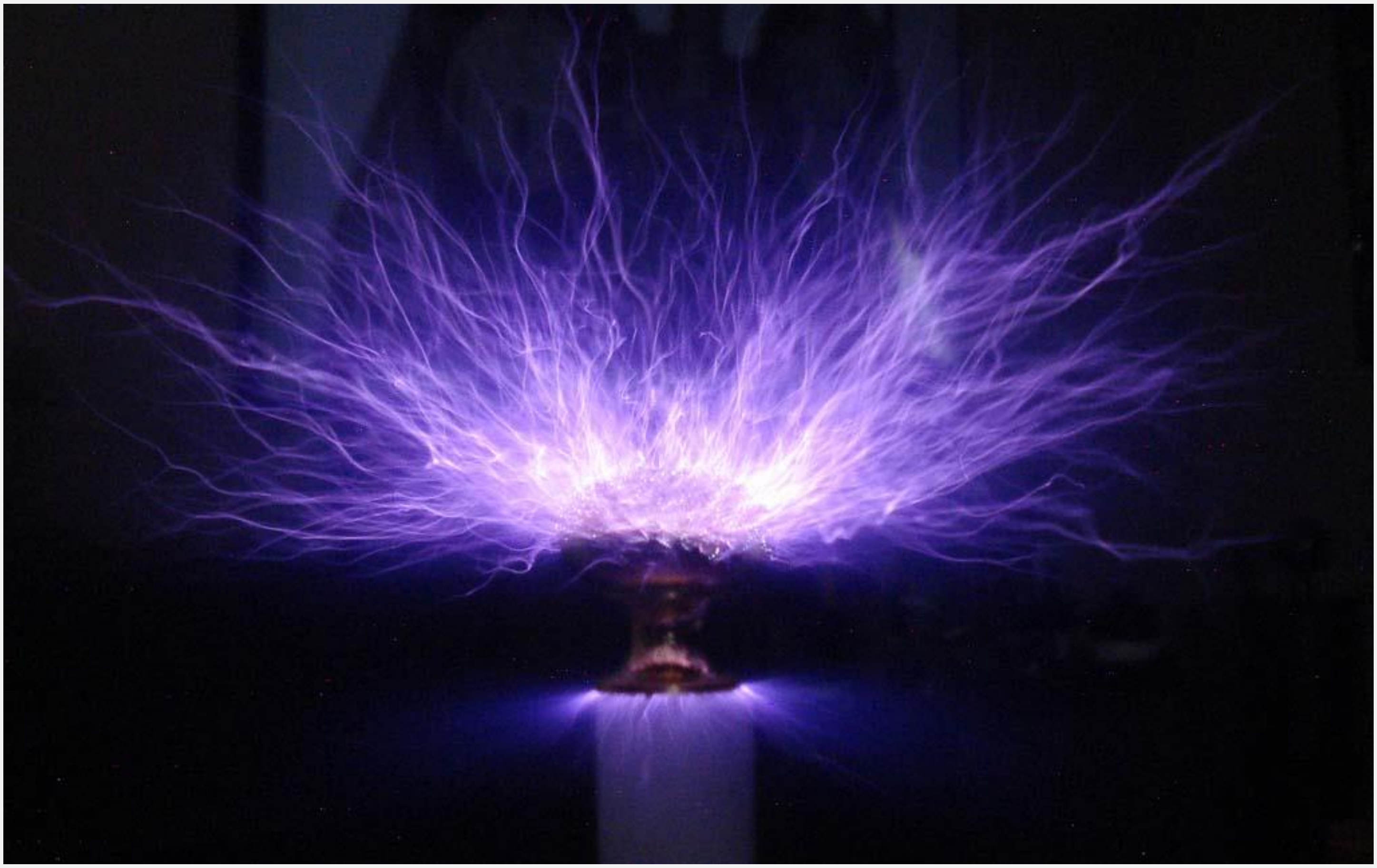


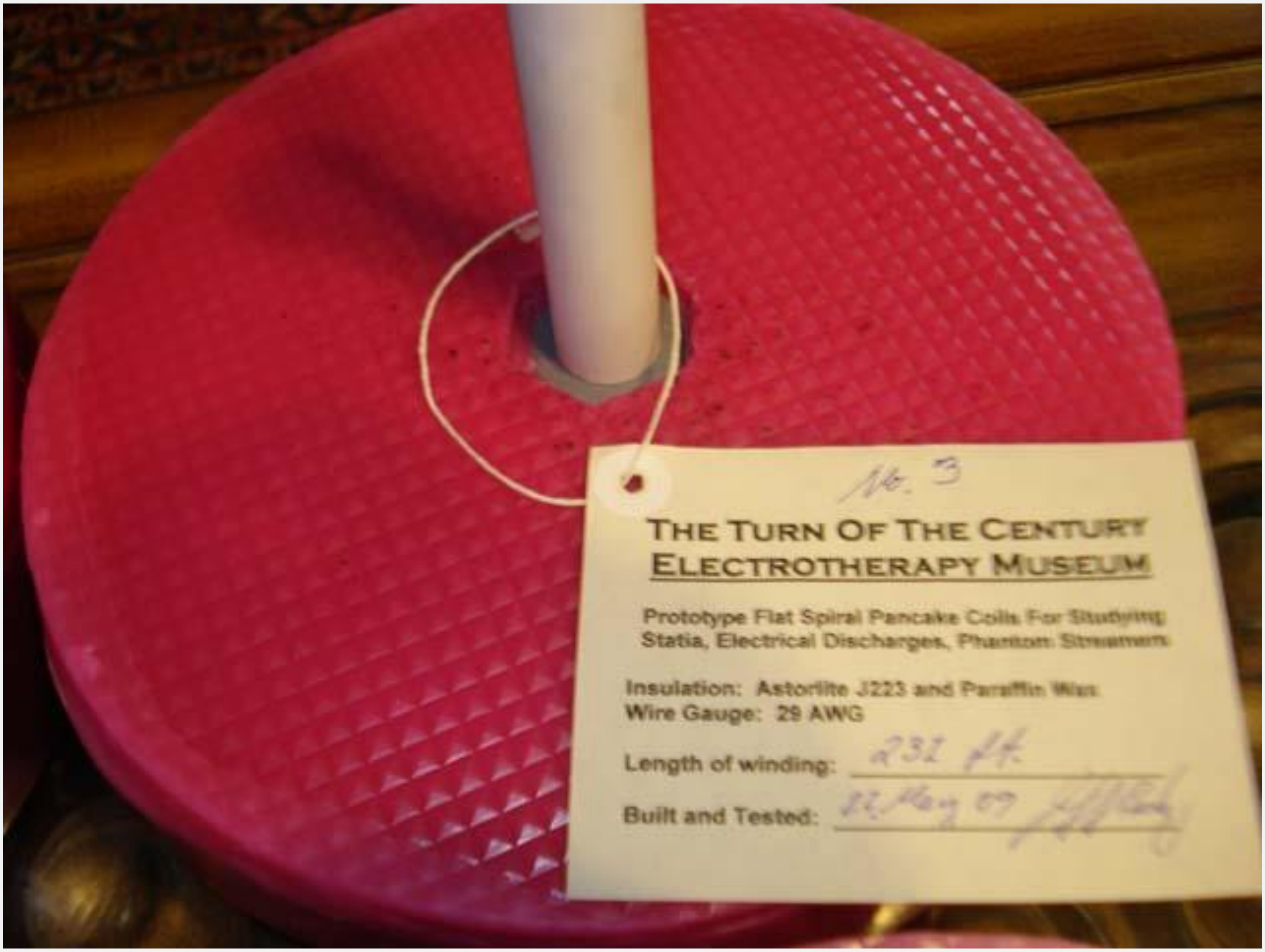

THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM
Prototype Flat Spiral Pancake Coils For Studying Static, Electrical Discharges, Phantom Streamers
Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG
Length of winding:
Built and Tested:

The Turn of the Century
Electrotherapy Museum

GENERAL RADIO COMPANY, CAMBRIDGE MASS. U.S.A.
115 v. INPUT, 10 a. 50-60~
VARIAC
0
10
20
30
40
50
60
70
80
90
100
110
120
130







No. 3

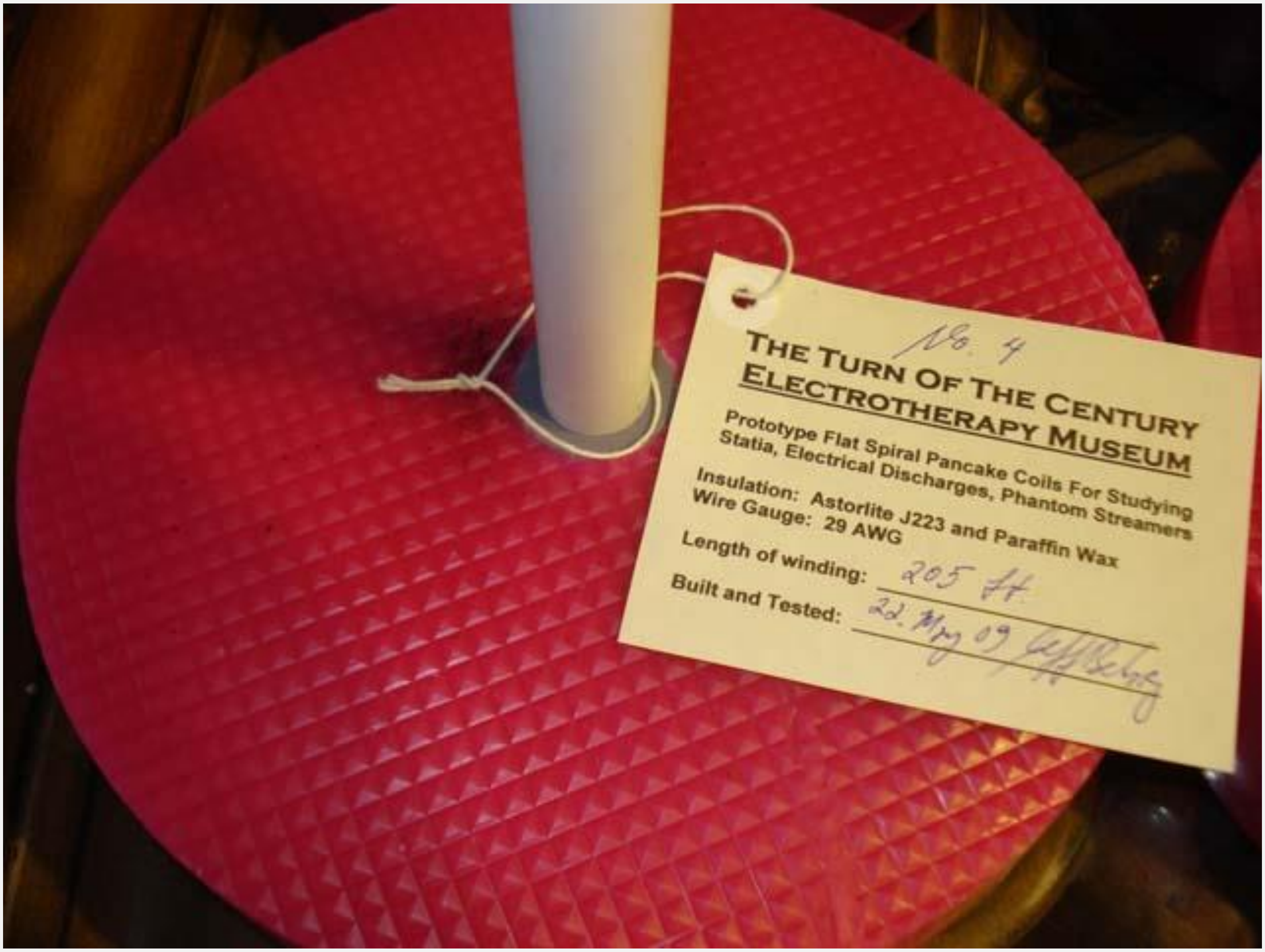
THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM

Prototype Flat Spiral Pancake Coils For Studying Statia, Electrical Discharges, Phantom Streamers

Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG

Length of winding: 231 ft.

Built and Tested: 22 May 09



No. 4

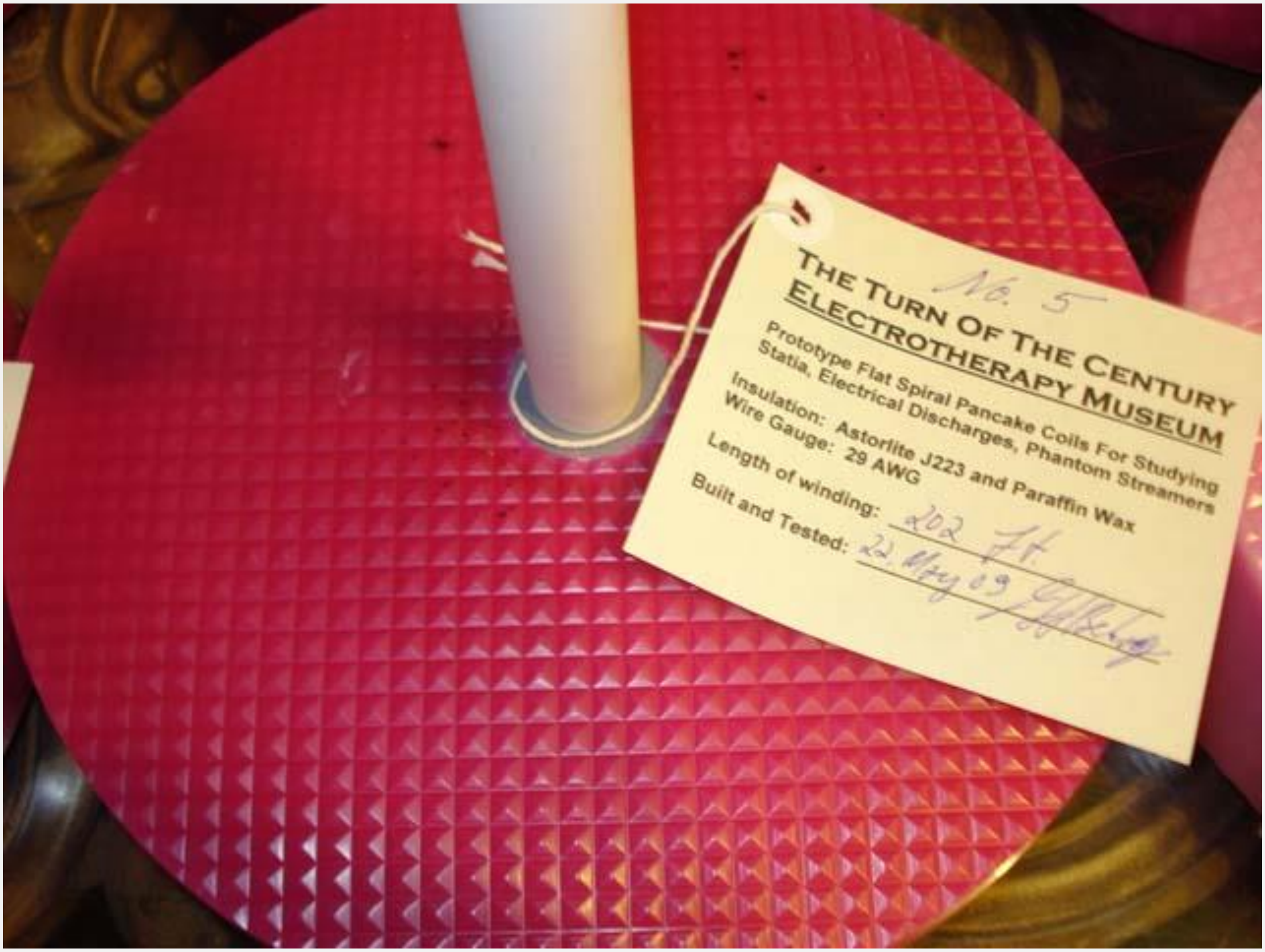
THE TURN OF THE CENTURY ELECTROTHERAPY MUSEUM

Prototype Flat Spiral Pancake Coils For Studying Statia, Electrical Discharges, Phantom Streamers

Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG

Length of winding: 205 ft

Built and Tested: 22. May 09



No. 5

THE TURN OF THE CENTURY ELECTROTHERAPY MUSEUM

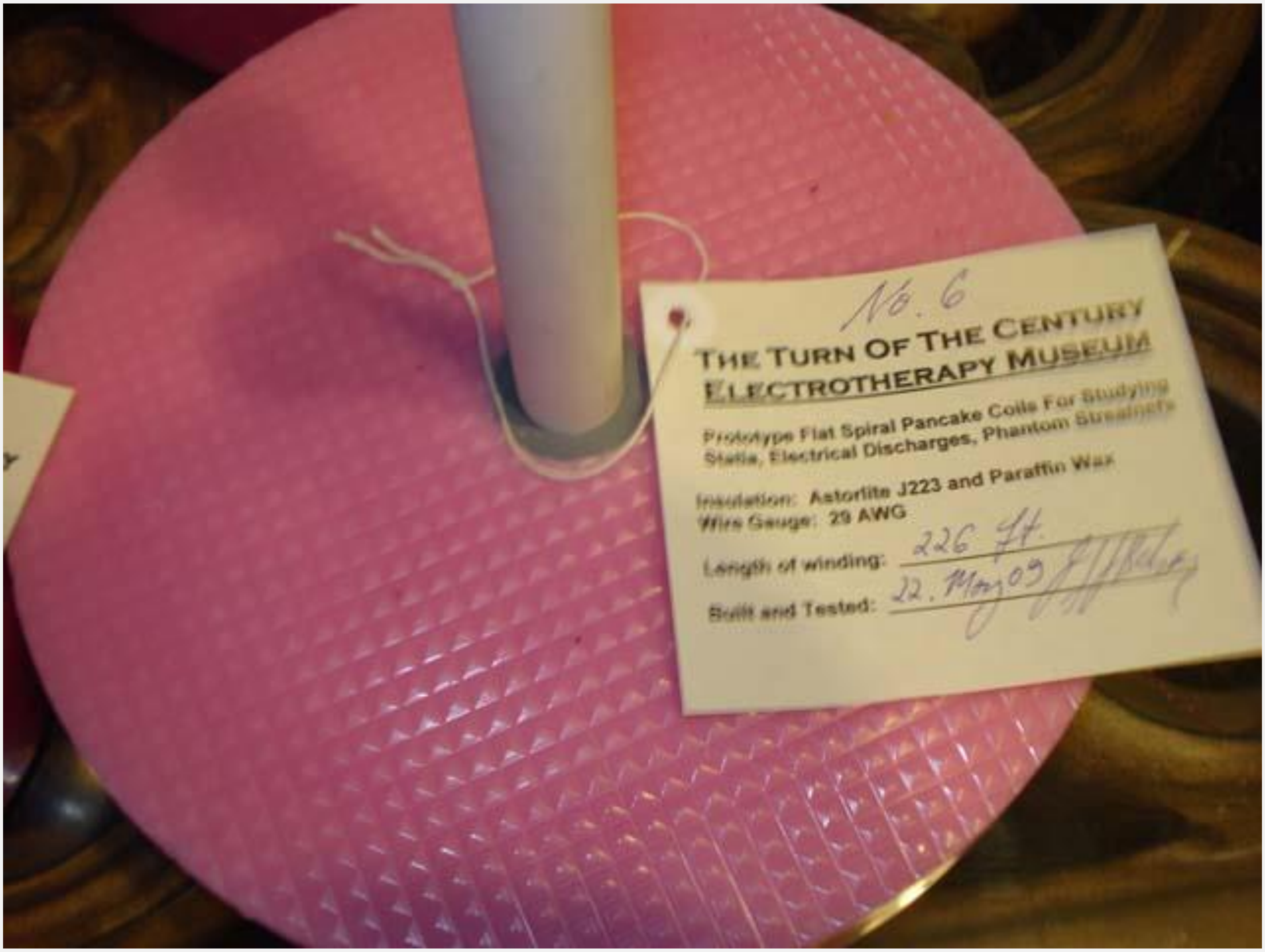
Prototype Flat Spiral Pancake Coils For Studying Statia, Electrical Discharges, Phantom Streamers

Insulation: Astorlite J223 and Paraffin Wax

Wire Gauge: 29 AWG

Length of winding: 202 ft.

Built and Tested: 22 May 09



No. 6

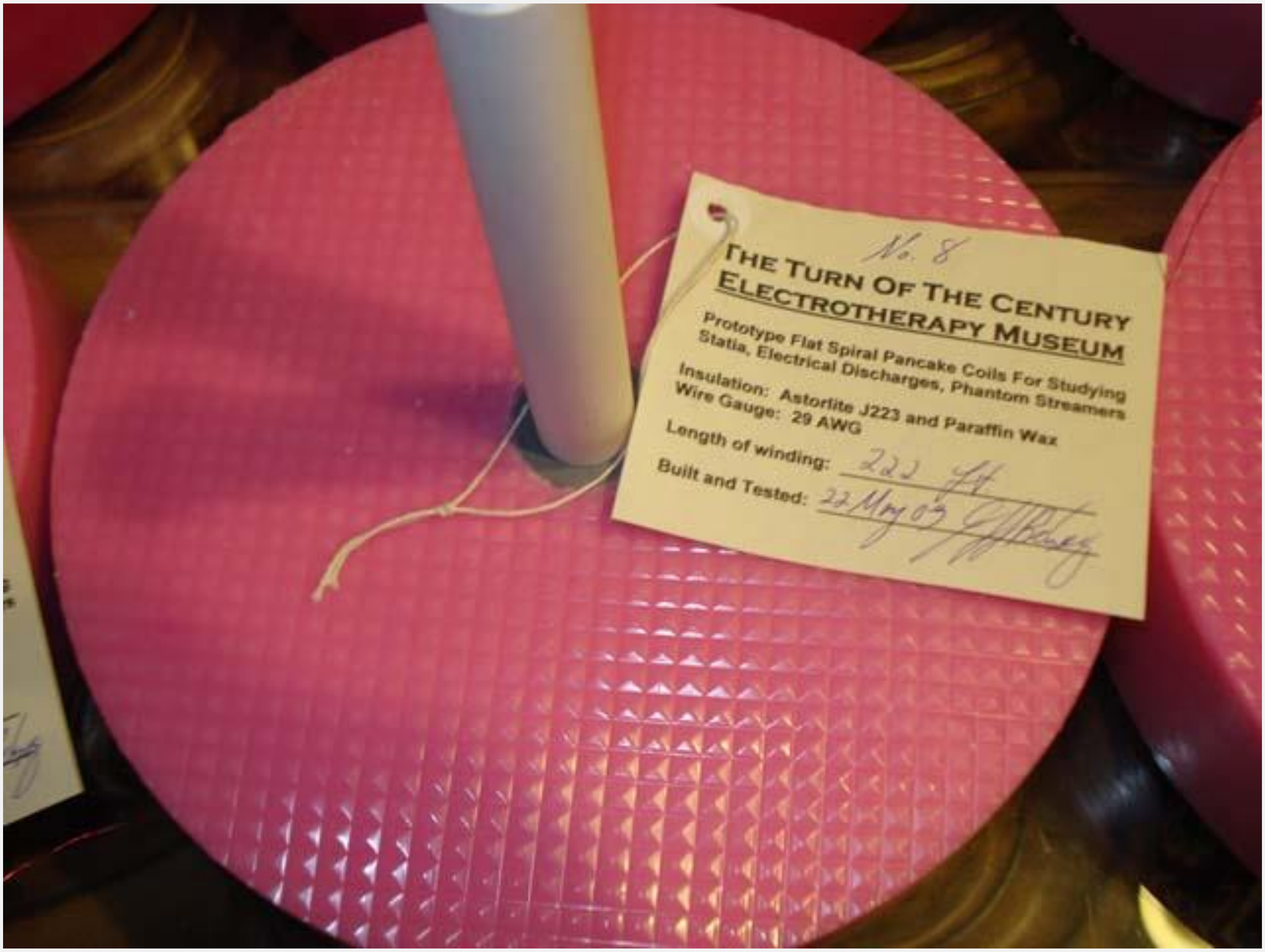
THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM

Prototype Flat Spiral Pancake Coils For Studying Static, Electrical Discharges, Phantom Streamers

Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG

Length of winding: 226 ft.
Built and Tested: 22. May 09

No. 7
THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM
Prototype Flat Spiral Pancake Coils For Studying Statia, Electrical Discharges, Phantom Streamers
Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG
Length of winding: 201 ft
Built and Tested: 22 May 09

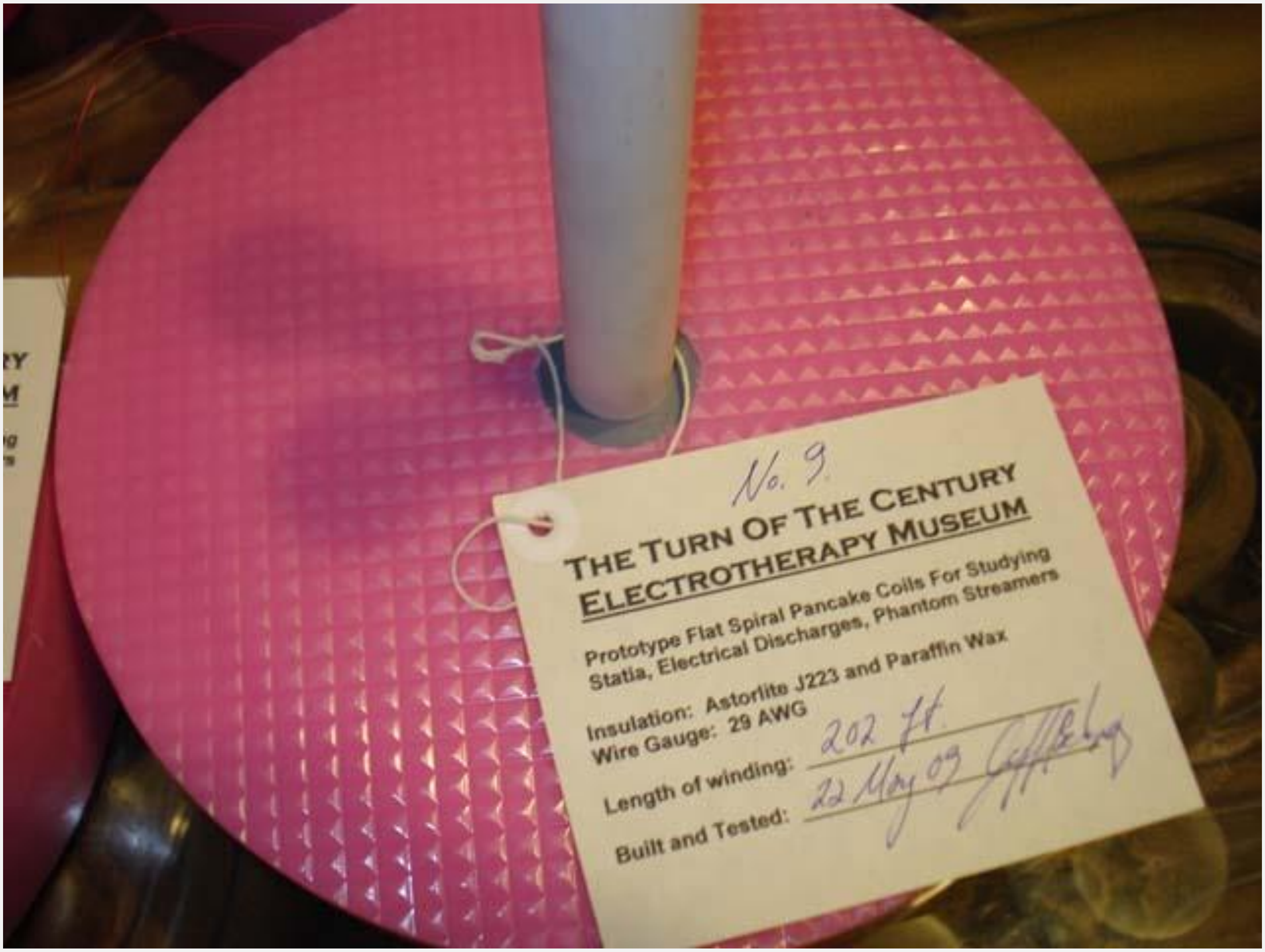


No. 8

THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM

Prototype Flat Spiral Pancake Coils For Studying Statia, Electrical Discharges, Phantom Streamers

Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG
Length of winding: 222 ft
Built and Tested: 22 May 03



No. 9.

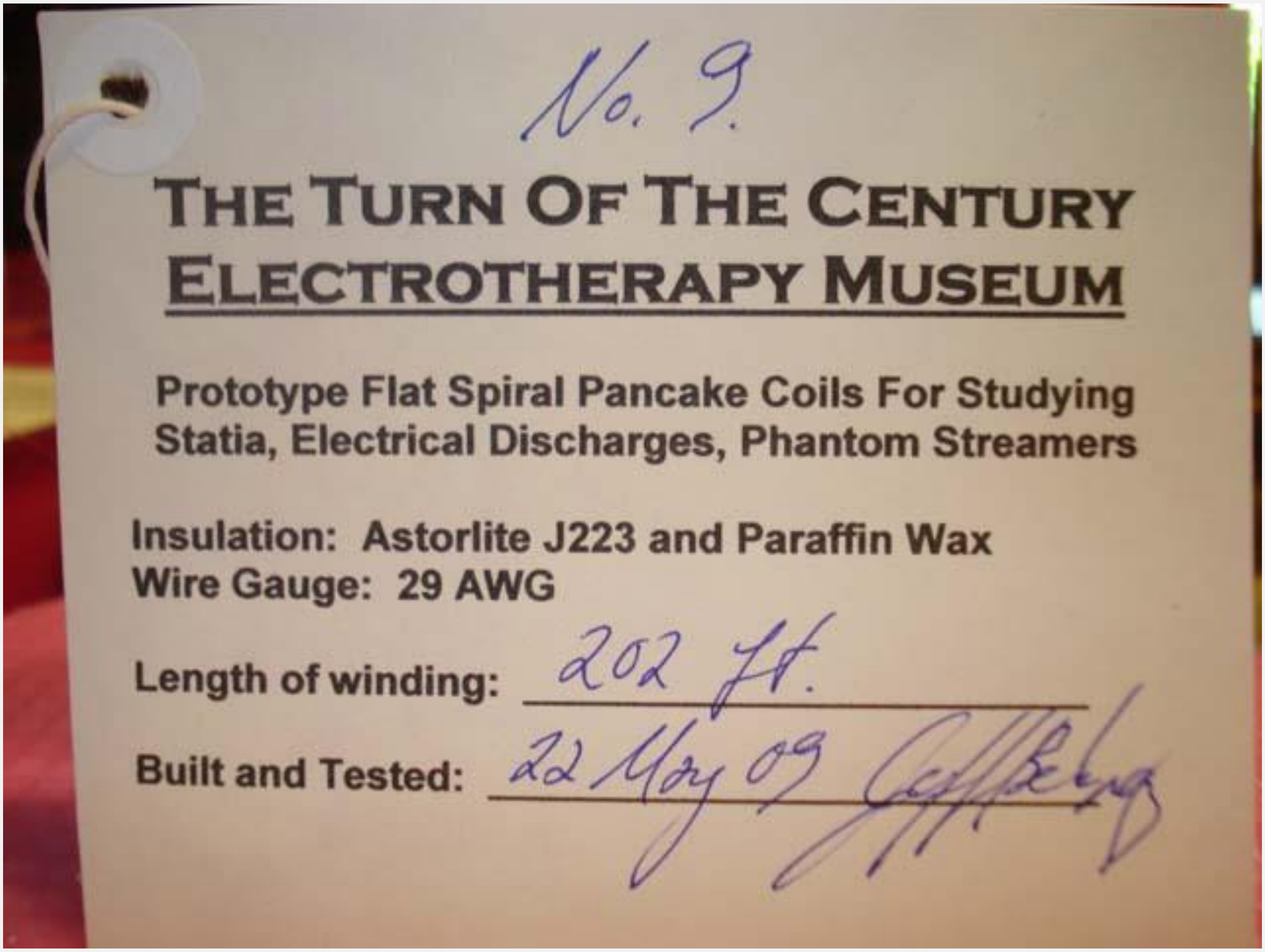
THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM

Prototype Flat Spiral Pancake Coils For Studying Statia, Electrical Discharges, Phantom Streamers

Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG

Length of winding: 202 ft.

Built and Tested: 22 May 09



No. 9.

THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM

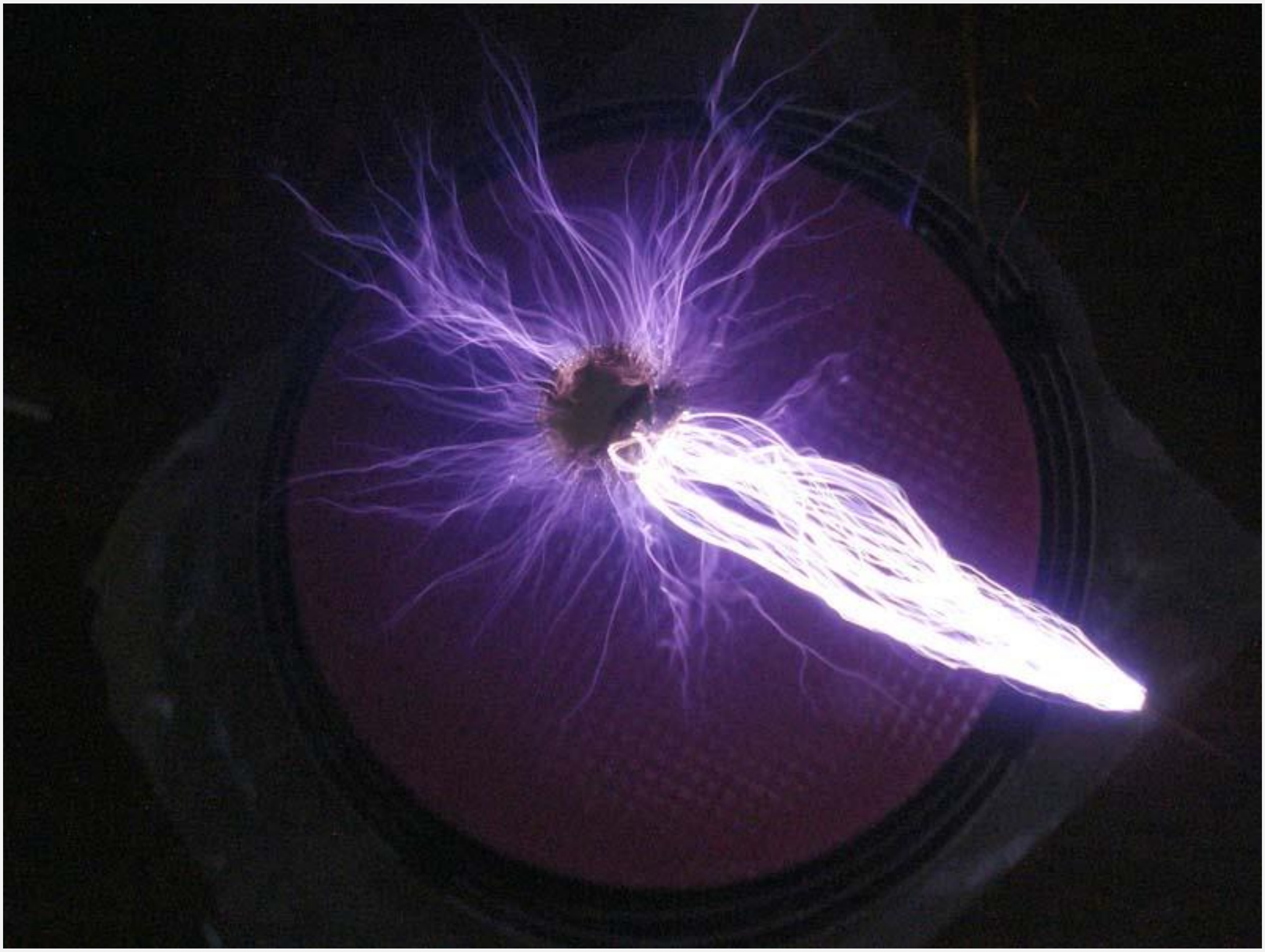
Prototype Flat Spiral Pancake Coils For Studying
Statia, Electrical Discharges, Phantom Streamers

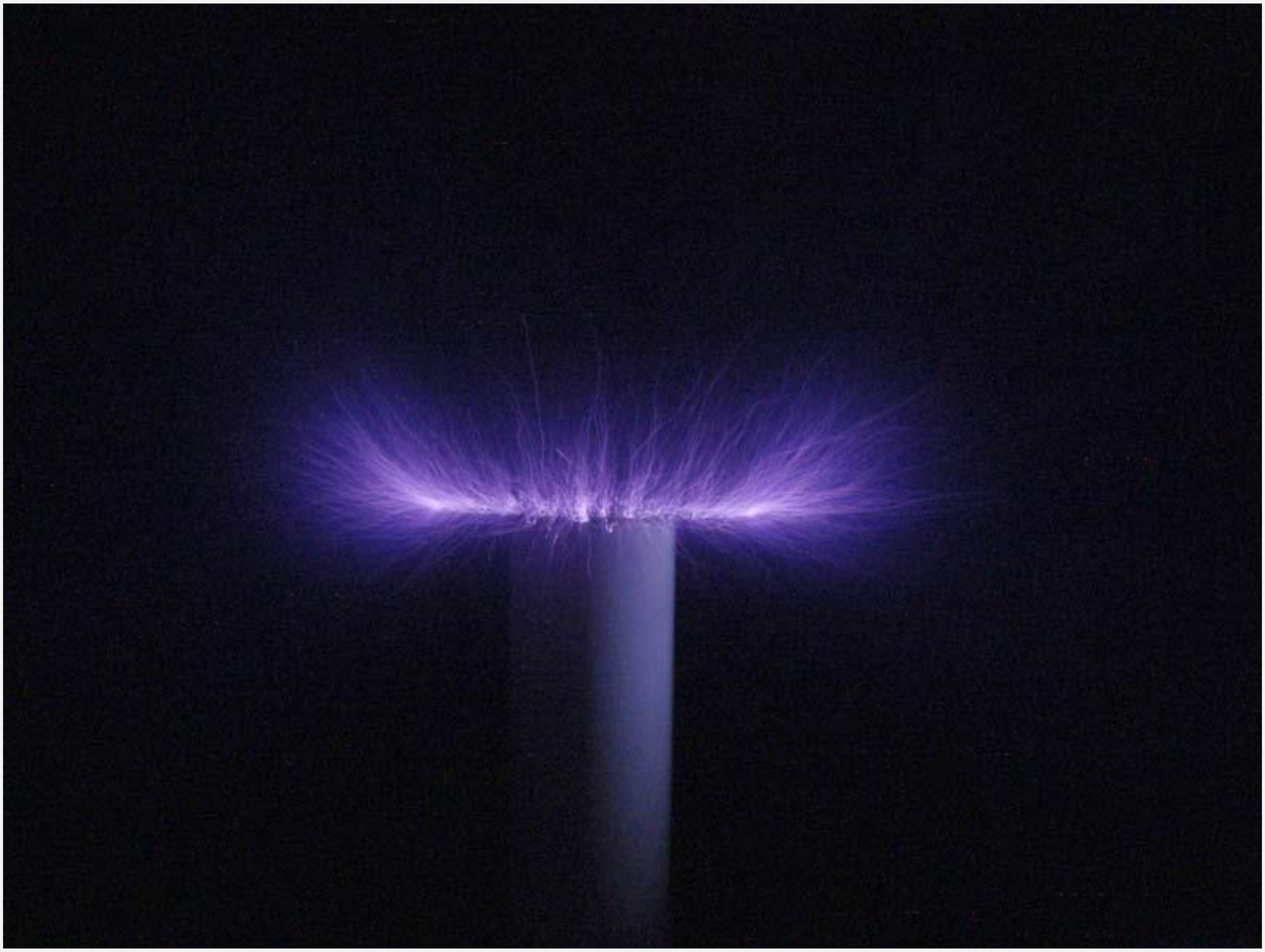
Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG

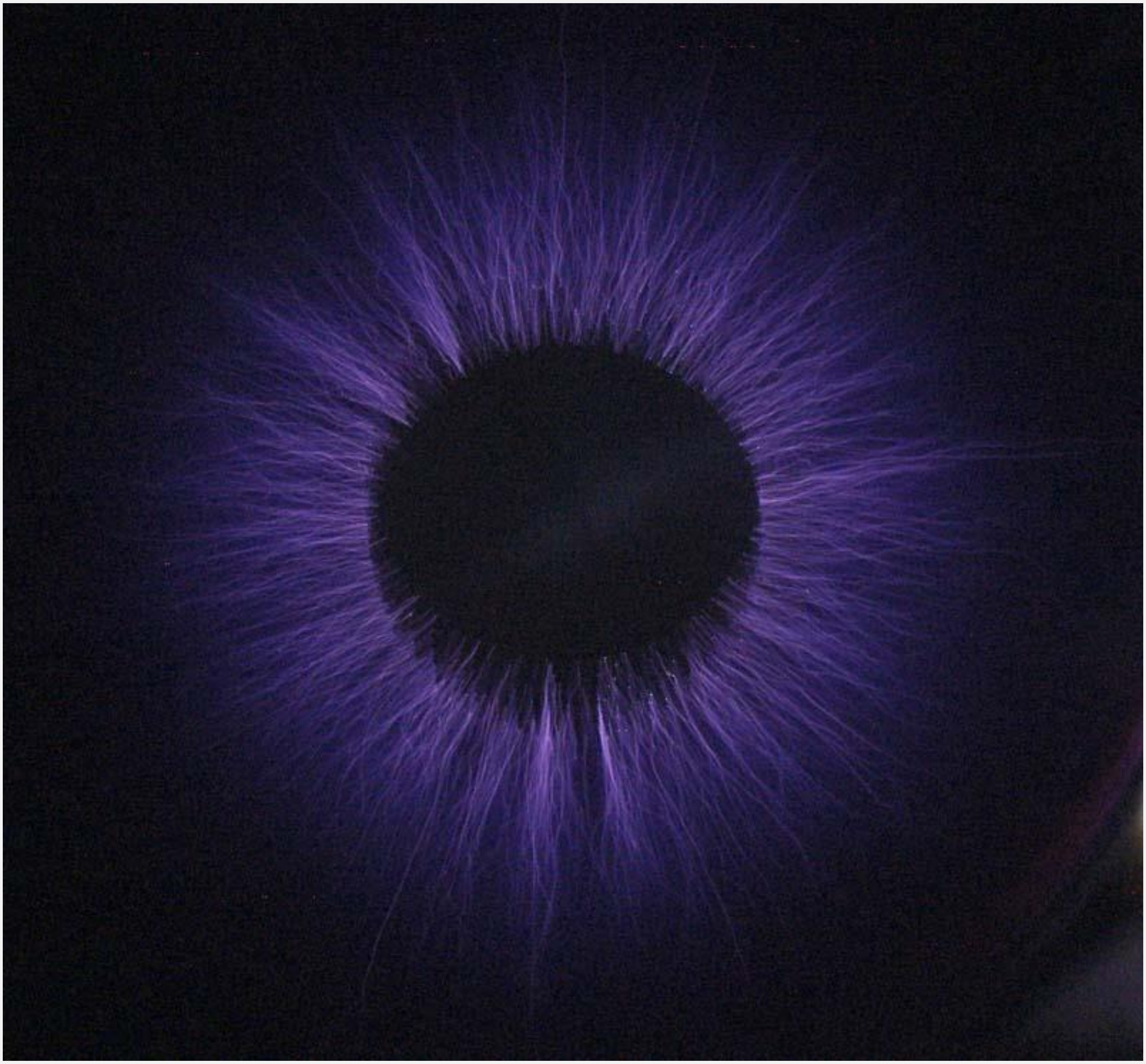
Length of winding: 202 ft.

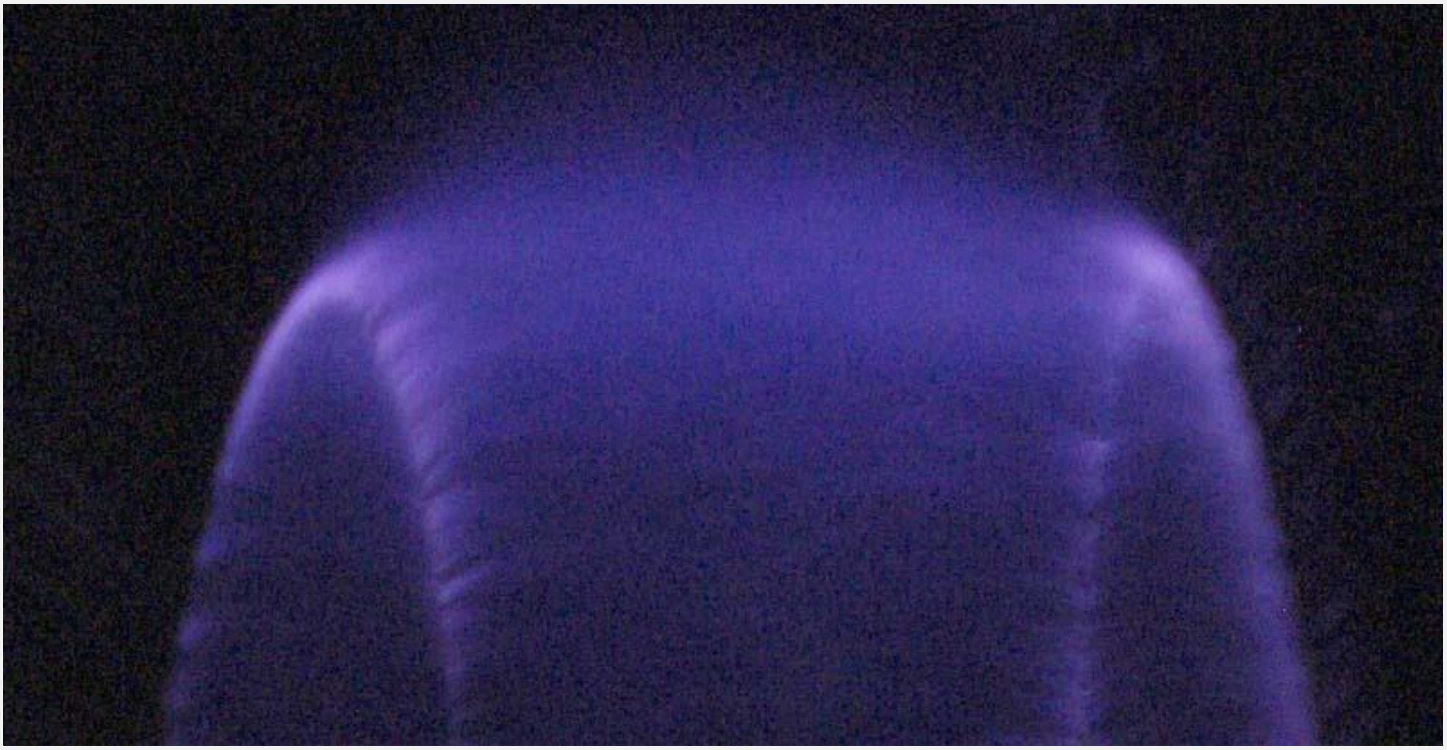
Built and Tested: 22 May 09

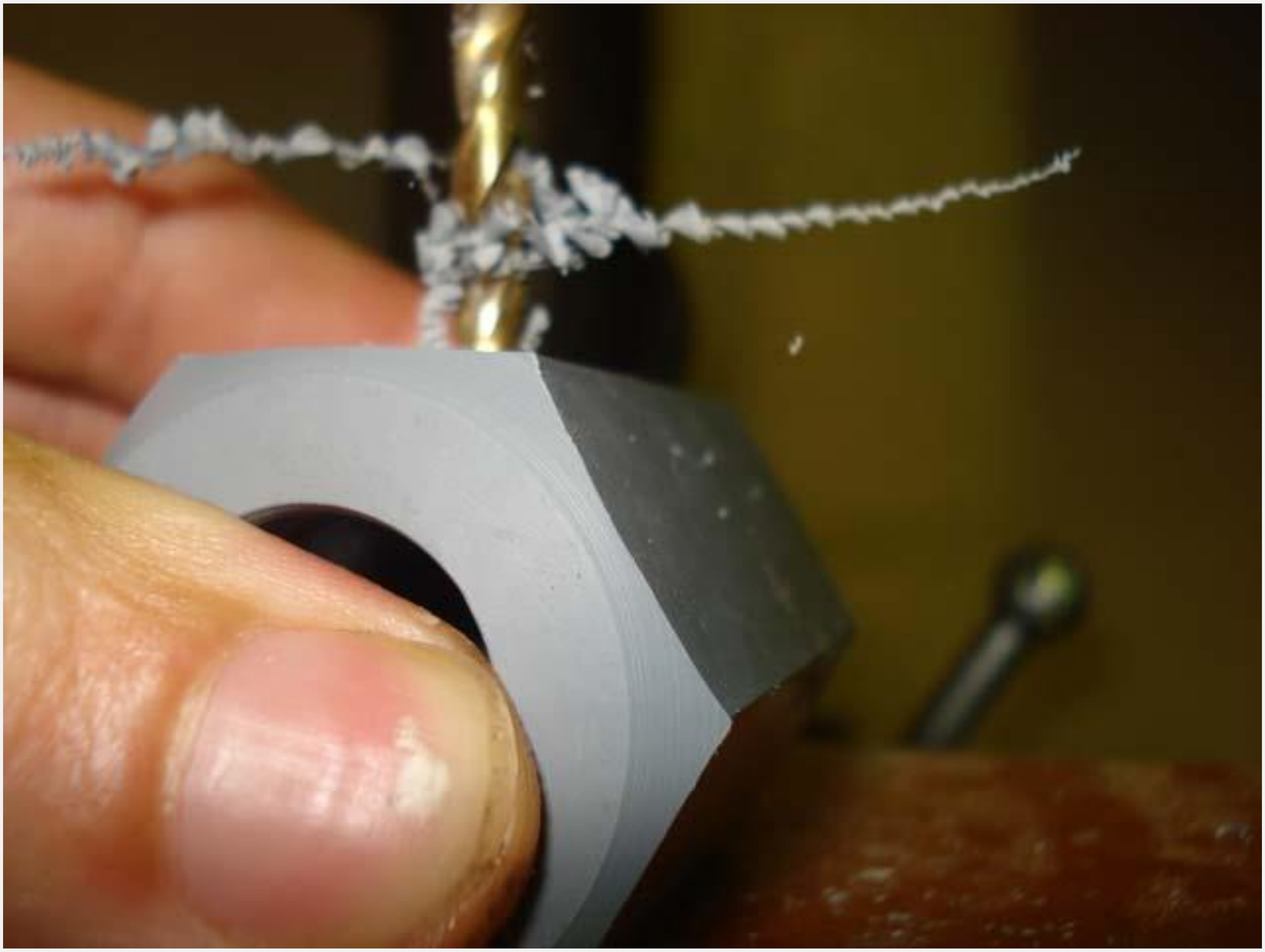
No. 9.
THE TURN OF THE CENTURY ELECTROTHERAPY MUSEUM
Prototype Flat Spiral Pancake Coils For Studying Statia, Electrical Discharges, Phantom Streamers
Insulation: Astorlite J223 and Paraffin Wax
Wire Gauge: 29 AWG
Length of winding: 202 ft.
Built and Tested: 22 May 09

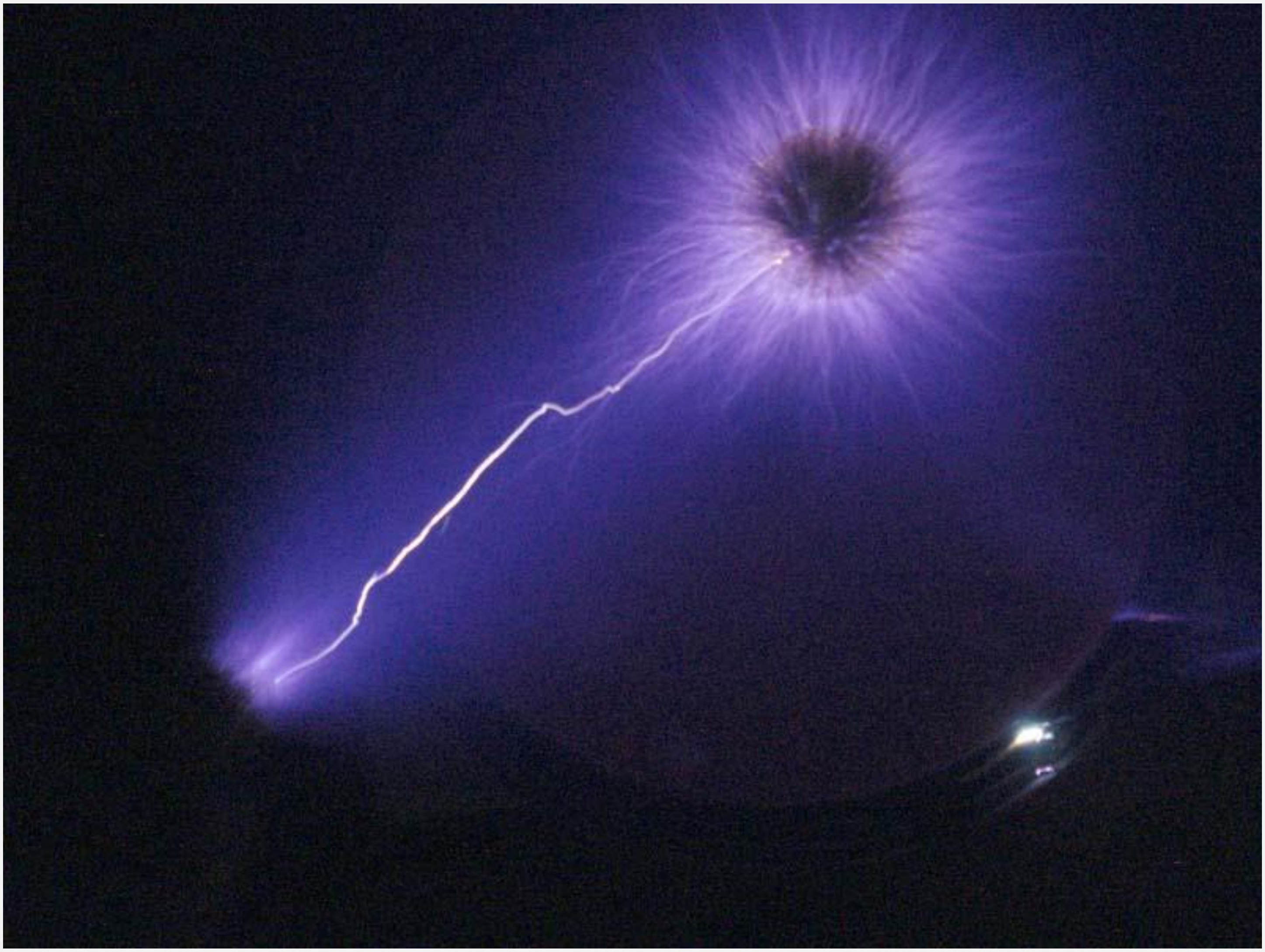


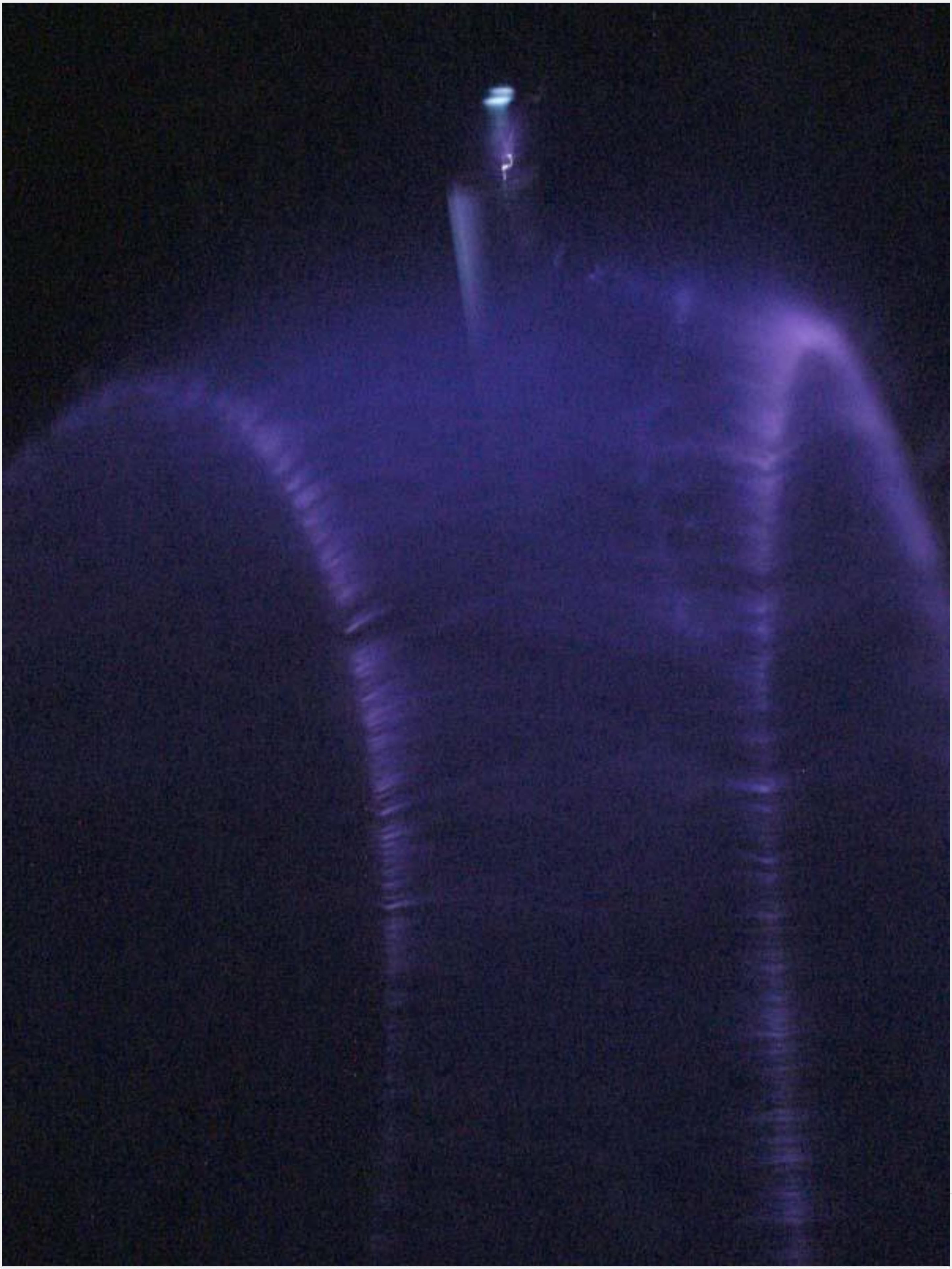


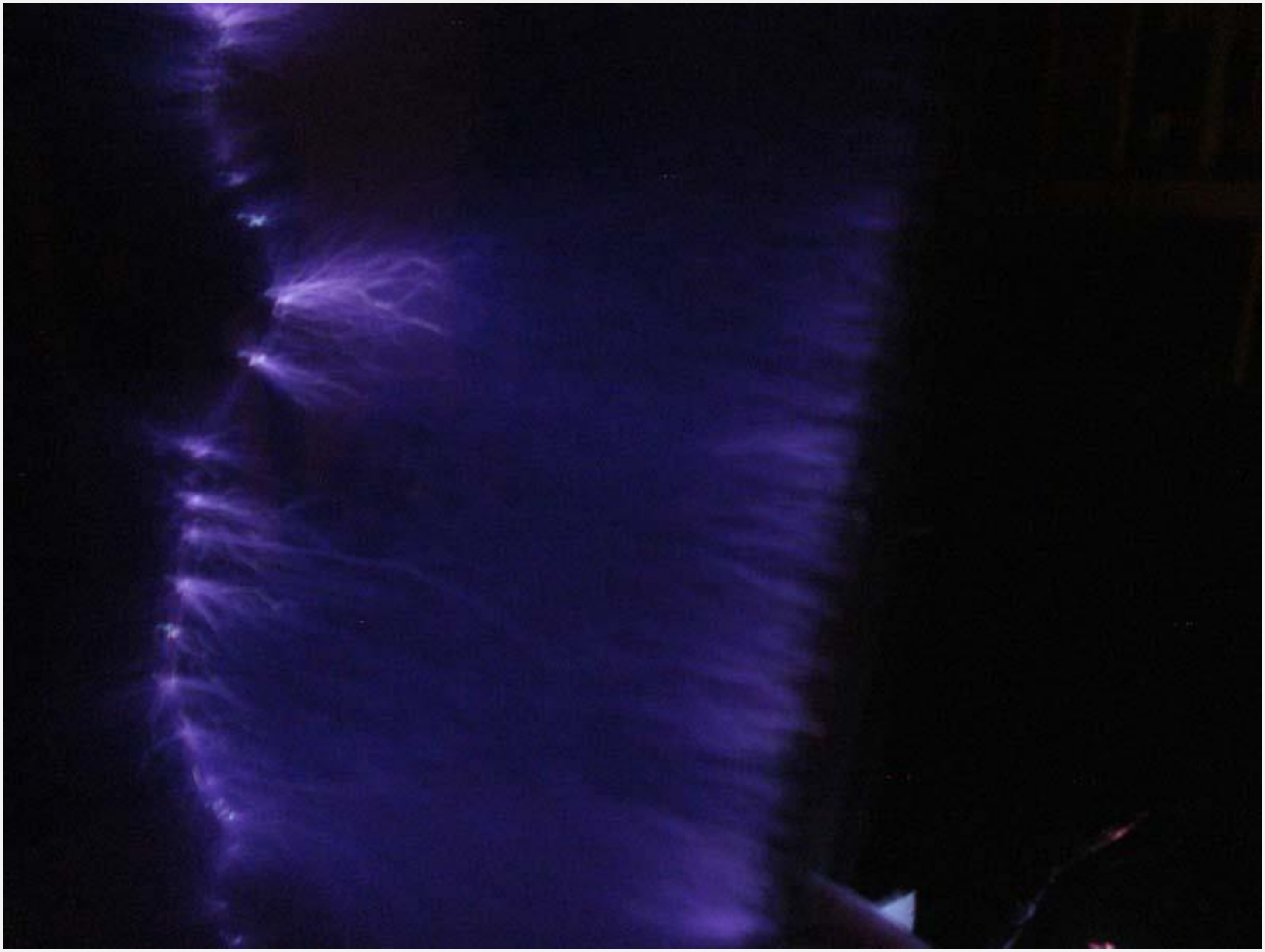


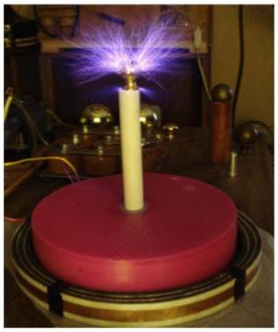












Instructions For Unpacking
Flat Spiral Pancake Coil

http://www.electrotherapymuseum.com/2009/Protocakes/index.htm

THE SELLER OF THIS COIL HOLDS NO RESPONSIBILITY FOR DAMAGES CAUSED BY IT. THE COILS WERE DESIGNED AS EXPERIMENTAL COMPONENTS FOR EXPERIIENCED HIGH VOLTAGE RESEARCHERS ONLY.

Gently lift Pancake Coil out of Priority Mail box. Coil has been wrapped in polyethylene film and then strech film to keep everything together during shipping.
Take a razor or knife and carefully cut through the stretch film, taking care not to cut into the wax insulation. Carefully remove stretch film and polyethylene film, taking care not to break the outer-most turn of the secondary coil which protrudes from the wax approximately a half foot.
On top of the coil you will find the black cloth dust cover, which aids in photographing the coil, giving a non-reflective black background.

The bottom of the Pancake Coil is wrapped with 1" wide EPDM rubber. This can be used to form a flat spiral ribbon primary coil: 2 1/2 - 3 turns will be perfect for the coil you've received. 1" copper strap of any thickness works well for this purpose, though a wire or copper tubing primary may be wound in a similar fashion. By using copper strap and EPDM rubber, the coil can easily be friction taped at its quadrants and a rugged coil is easily had that can be slipped over the diameter of the coil and easily adjusted by sliding a small copper strip around the winding as an adjustable tap. The primary coil tends to work best on the ground plane of the coil, as seen in the photo.

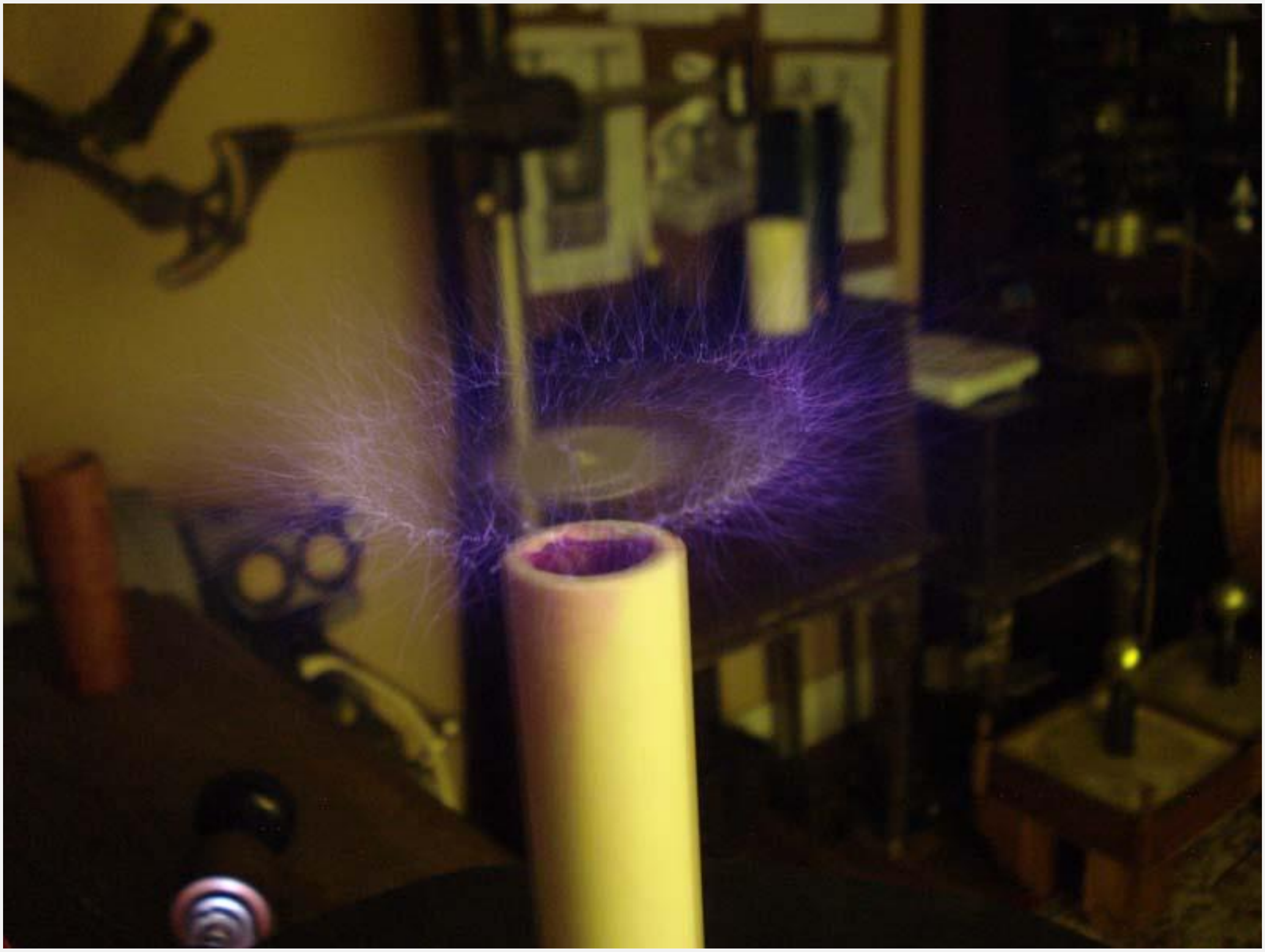
The inner-most wire of the secondary coil is rolled up inside of the grey CPVC socket located in the centre of the coil. Carefully remove this wire, taking care not to break it off (!). Place the wire through the white PVC centrepost and glue the post to the socket using standard PVC glue as you would any normal pipe fitting. You may first clean the inside of the socket and the bottom of the post with a little acetone if desired. To insulate the wire inside of the post, it is recommended to carefully cast the inside of the tube with melted candle wax (paraffin), after the PVC glue has set. This can be done by heating a normal candle in a double boiler Try to keep the wire in the centre of the post and simply let the wax harden inside. Having the centre wire insulated will greatly improve the performance of the coil, as it is well-known that high frequency currents dissipate quickly into the surrounding air...and if allowed to do so, will try and form a path to the primary coil if it is situated nearby.

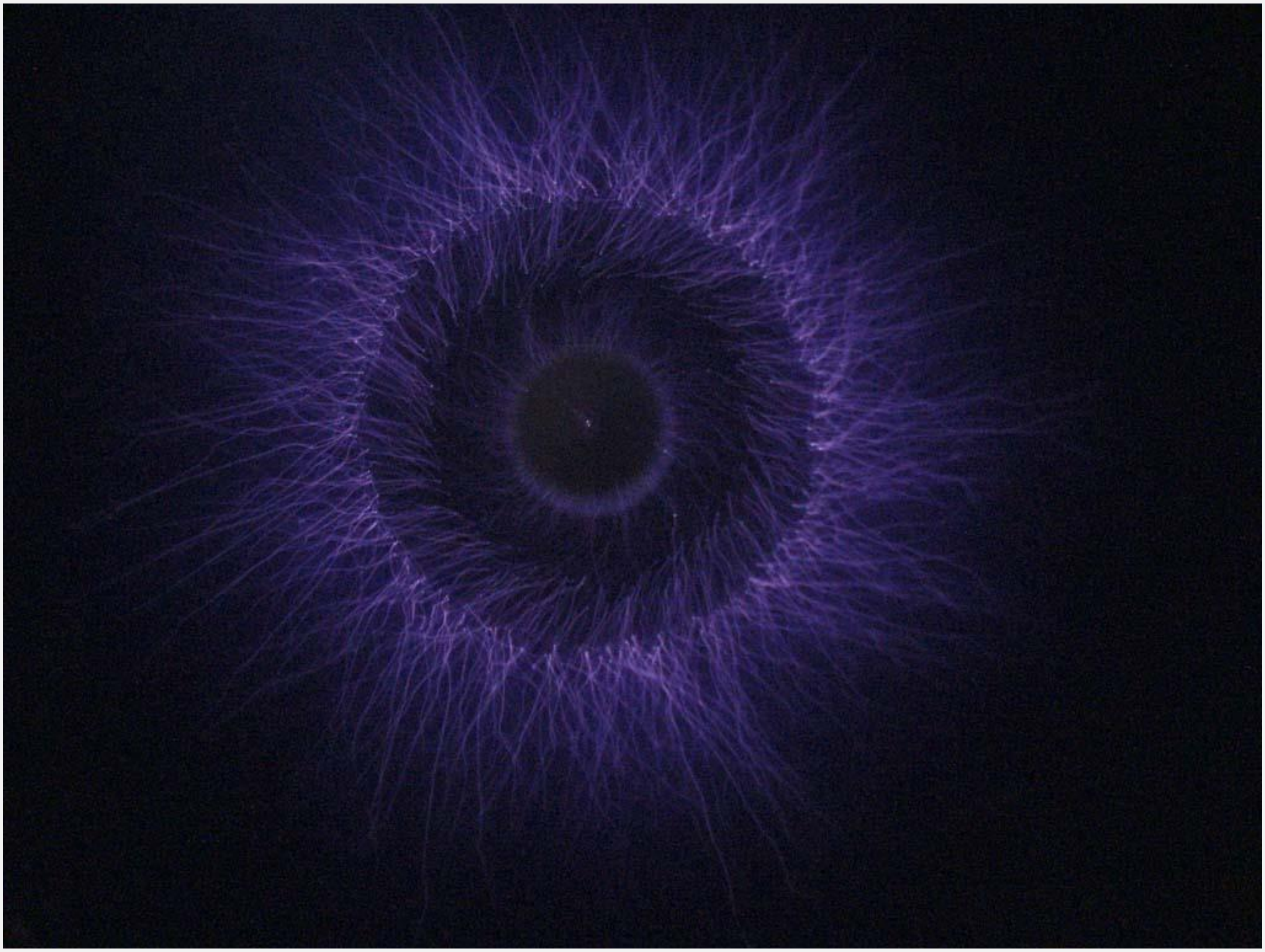
With roughly a 3 turn Primary Coil the best capacitor is around .01 mfd, though any value from .008 - 012 can be experimented with. The coil has been tested using several transformers:

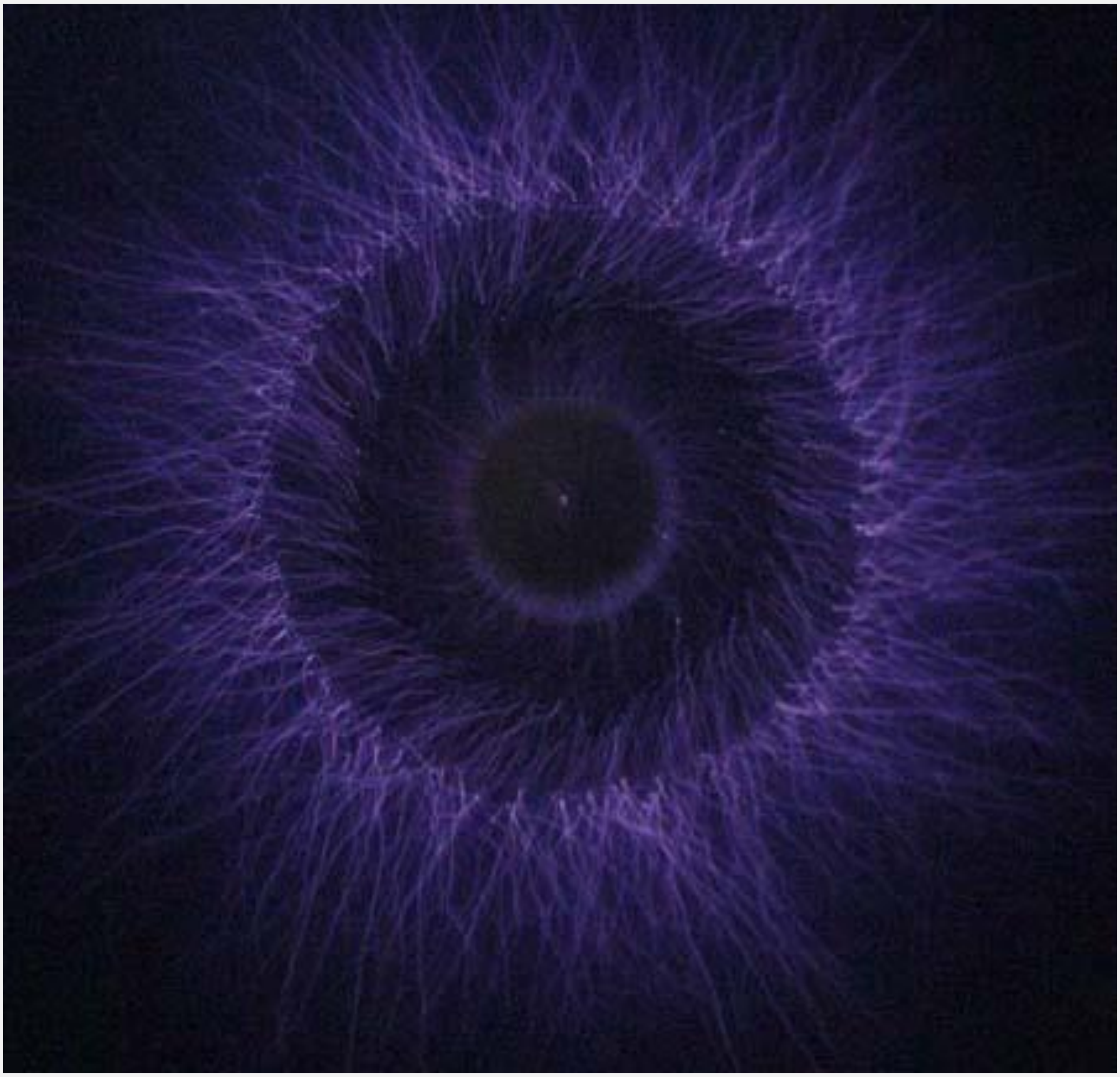
3500V 8mA; 3000V 110mA; 10,000V 23mA; 5000V 120mA

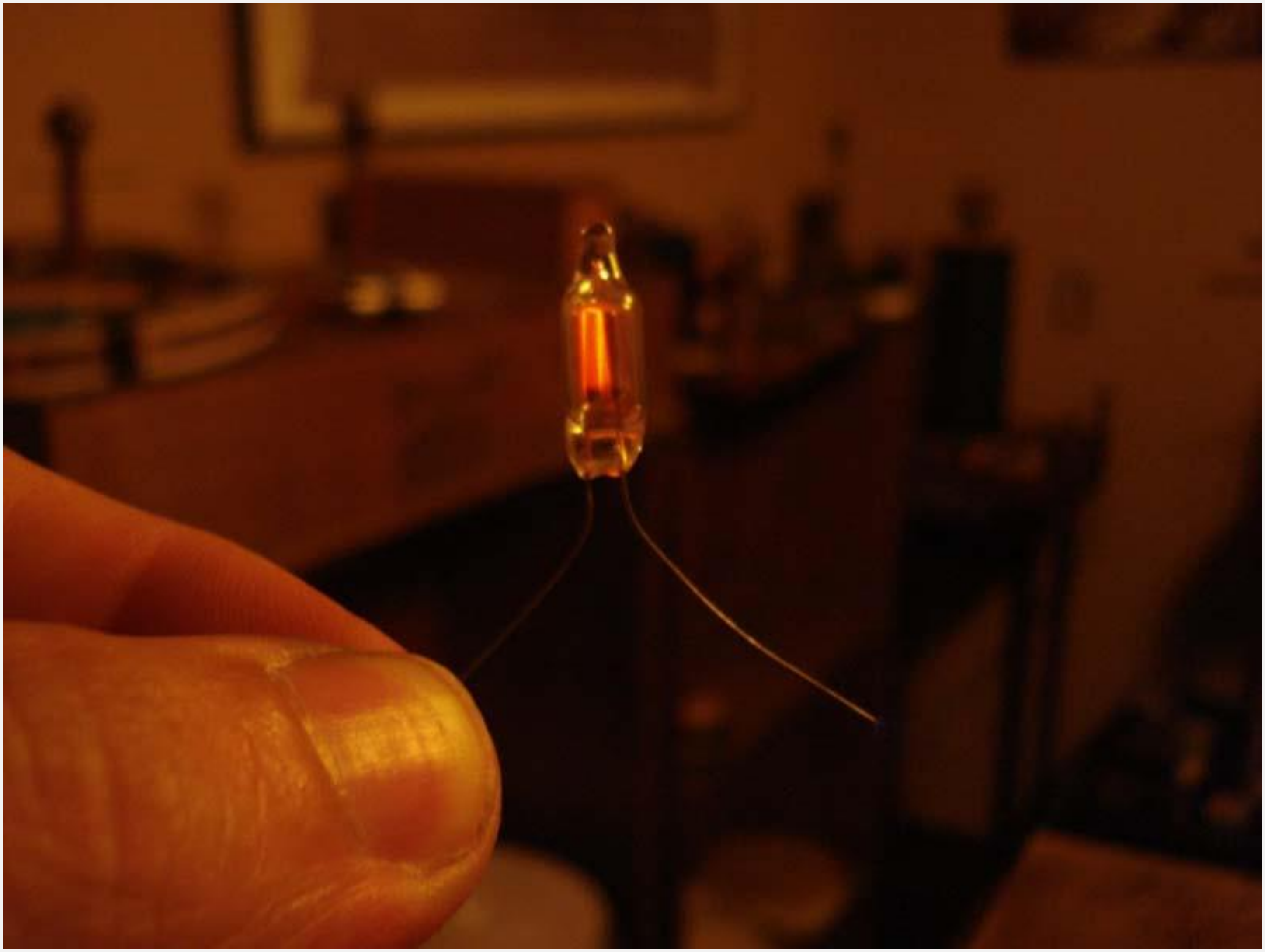
Almost any standard Tesla Coil transformer will work, *PROVIDING THE SPARK GAP IS SET TO LIMIT THE VOLTAGE FROM 3 - 5kV*. The insulation in this coil is approximately 1" above and below the actual flat spiral winding. To use higher voltages with the coil, more insulation is needed. This can be accomplished by placing the coils under oil or by other methods. In running the coil with higher power levels and greater voltages, it is important to also insulate the primary winding, because sparks will tend to form over the surface of the coil as the higher voltages try to complete the circuit.

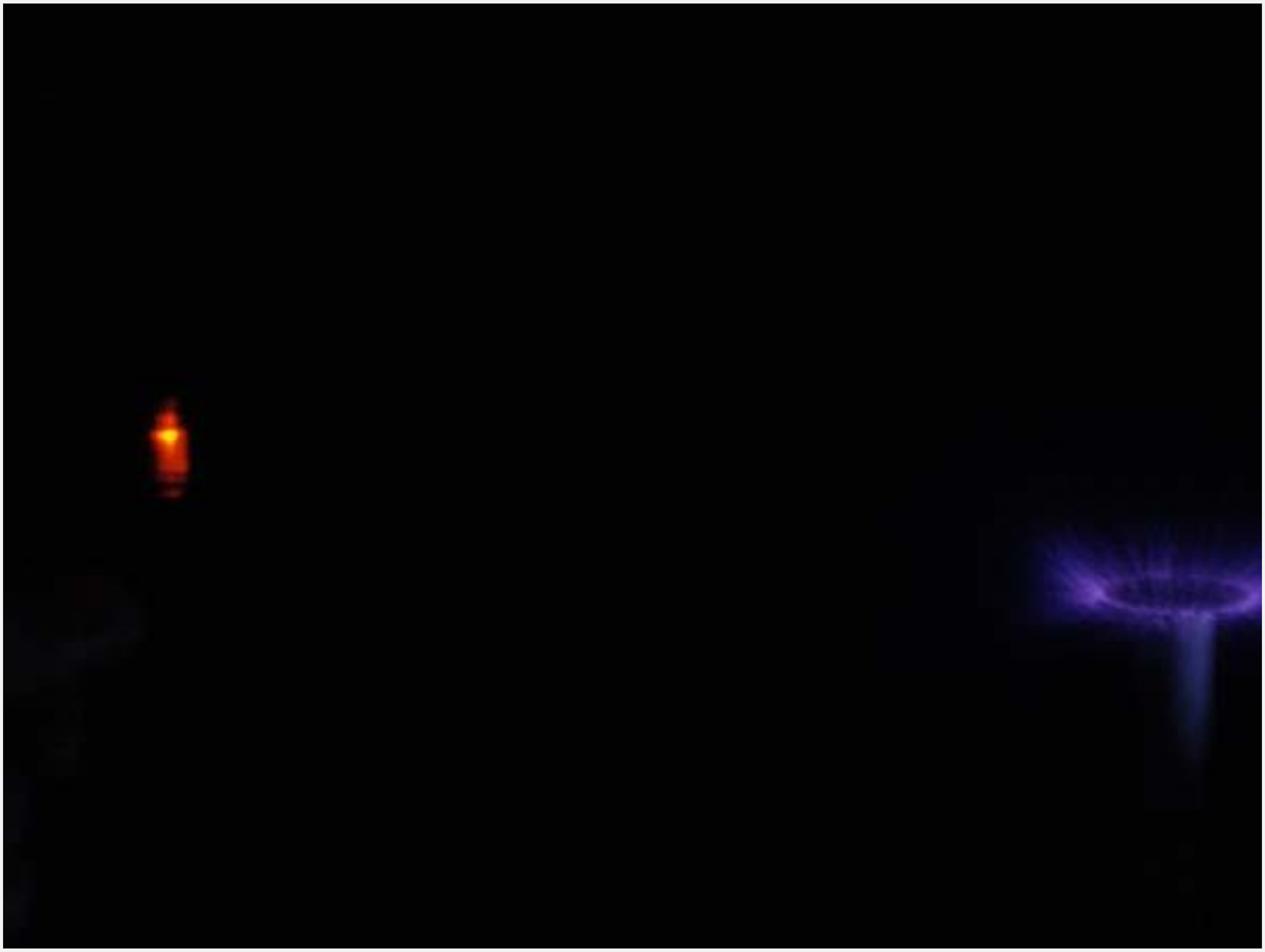
ALWAYS CONNECT THE OUTER-MOST TURN OF THE SECONDARY COIL TO THE INNER-MOST TURN OF THE PRIMARY COIL. This point can also be optionally grounded to earth. This keeps the potential of the longest turns of the coil (with the most resistance) to a minimum.











ELE
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Stafla,
Insulat
Wire C
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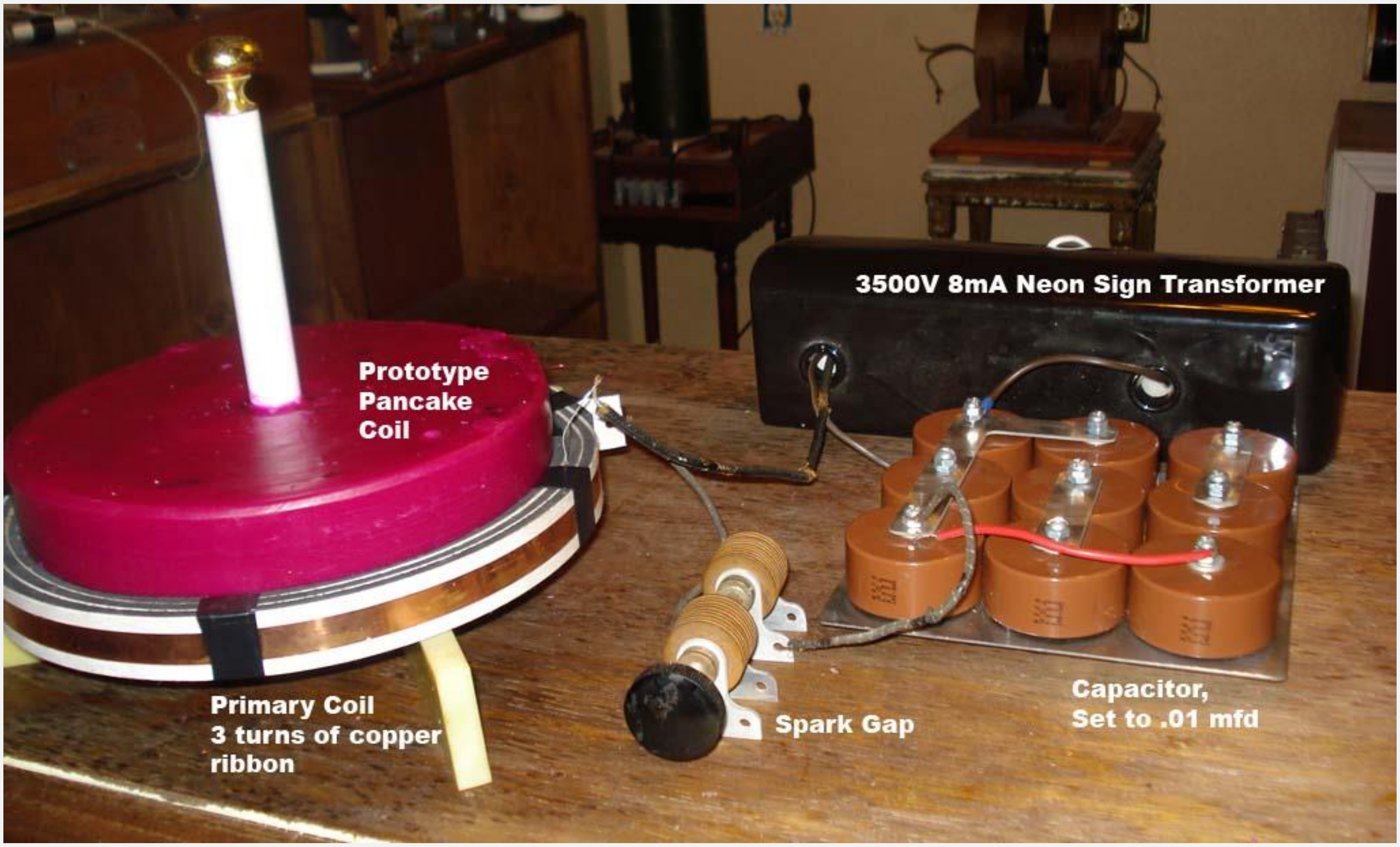
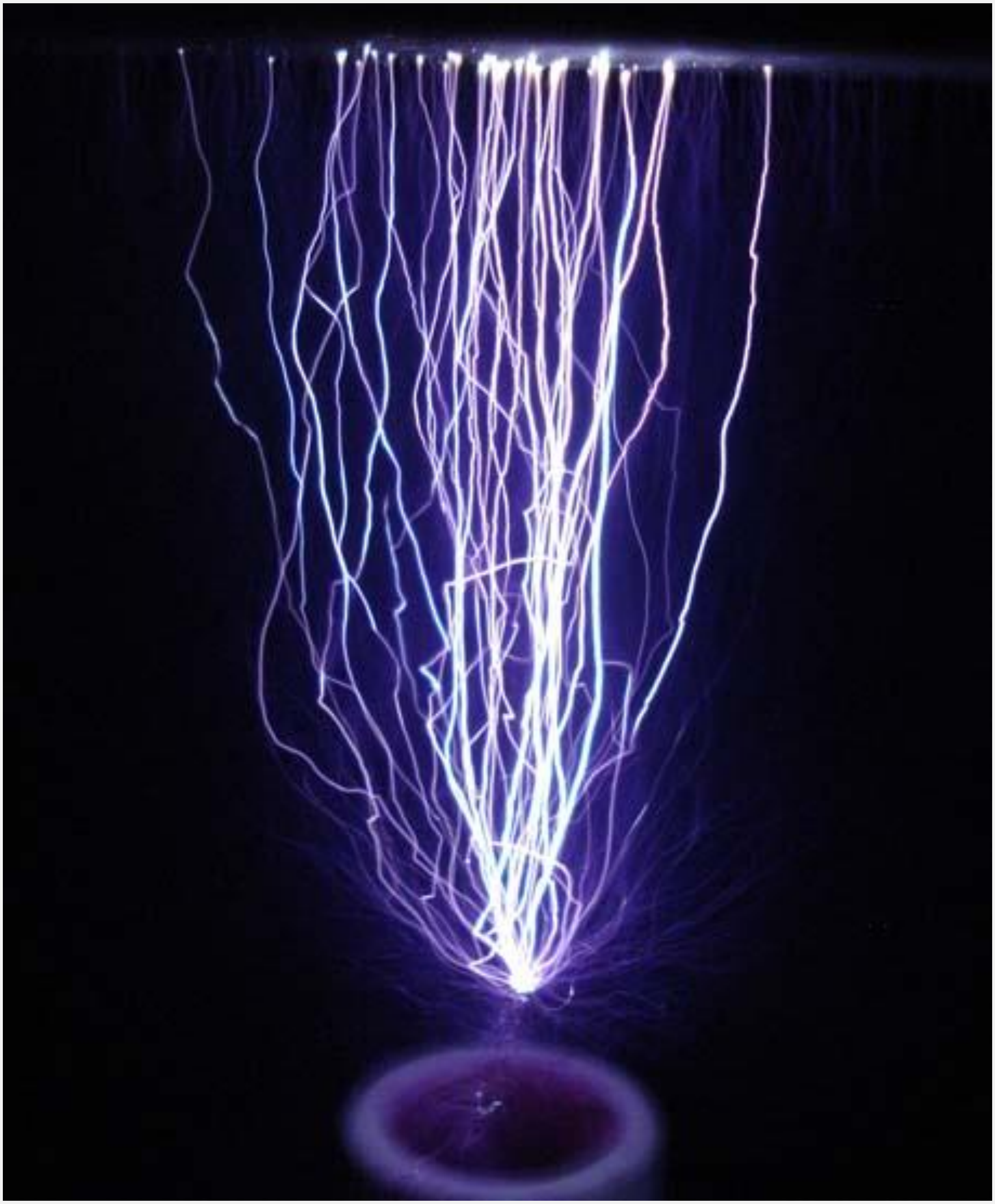
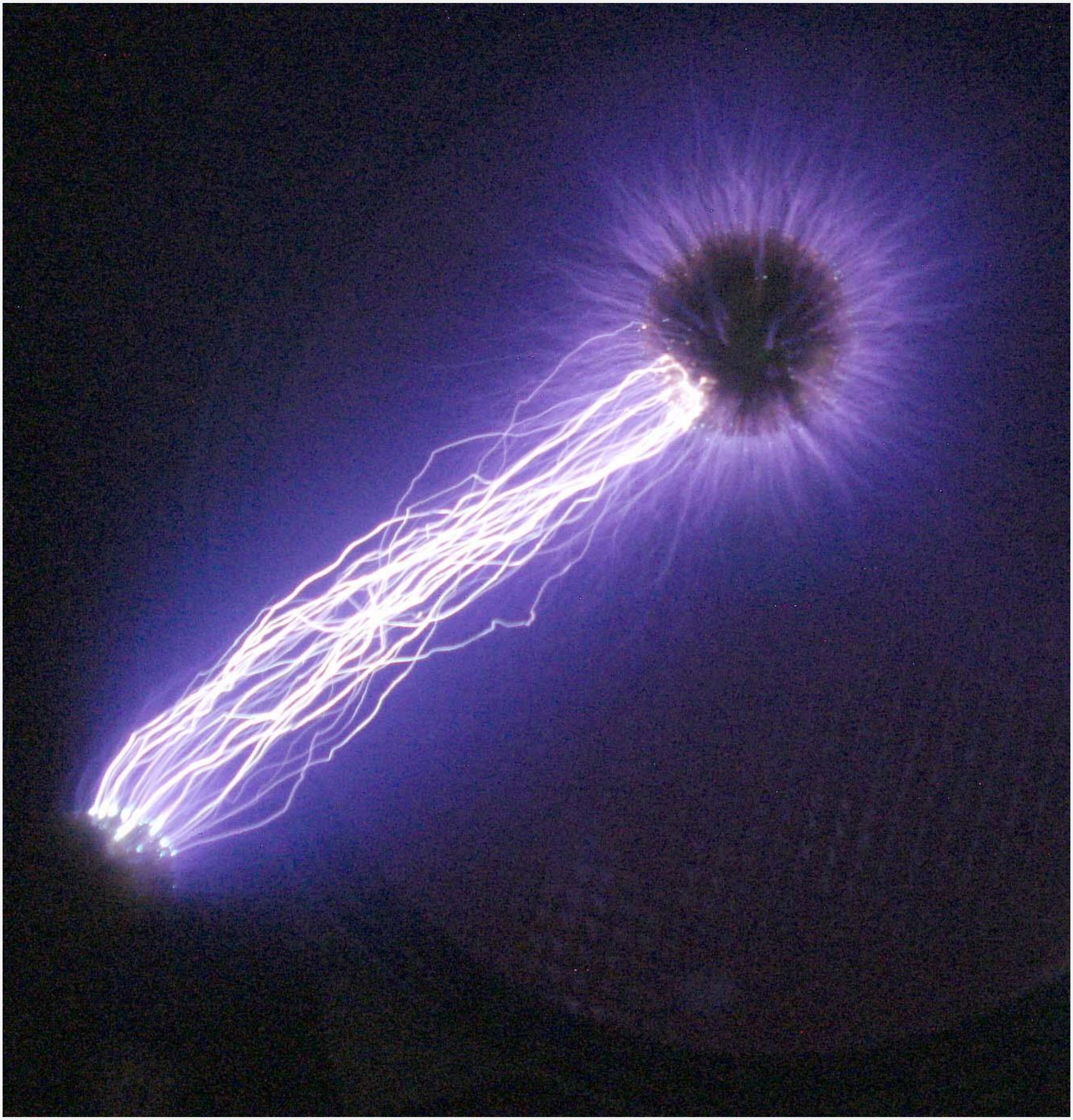
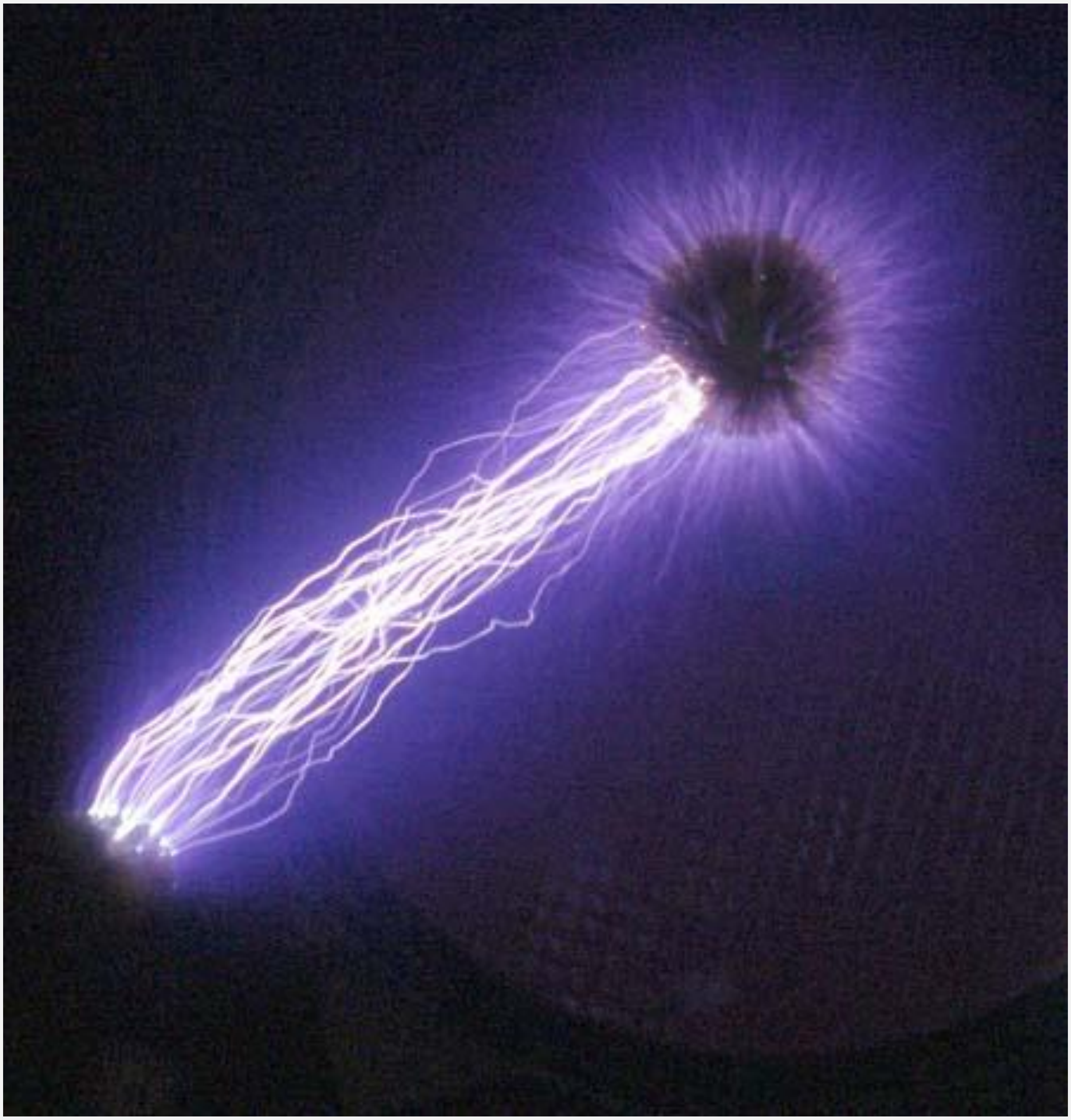
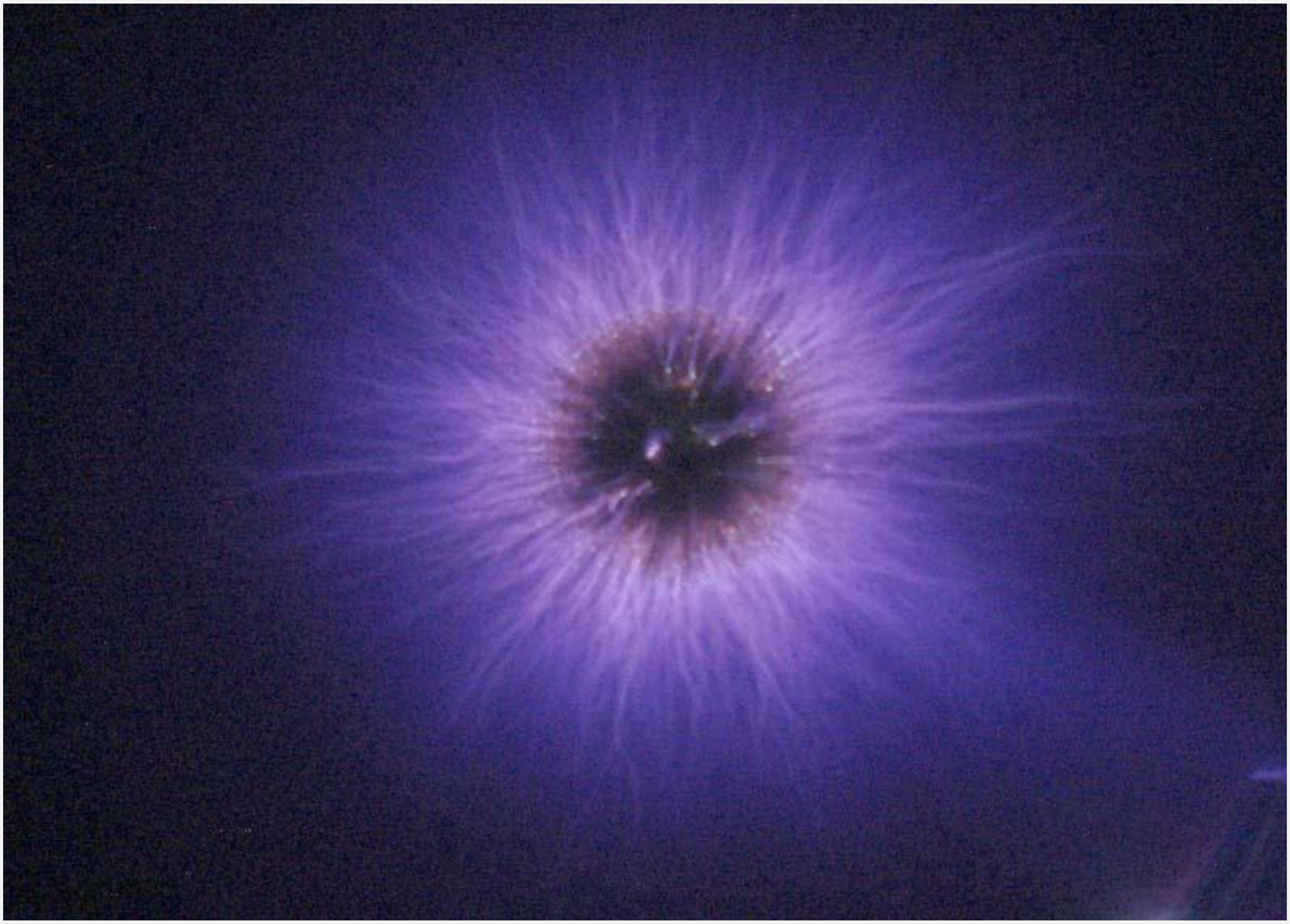
Buil

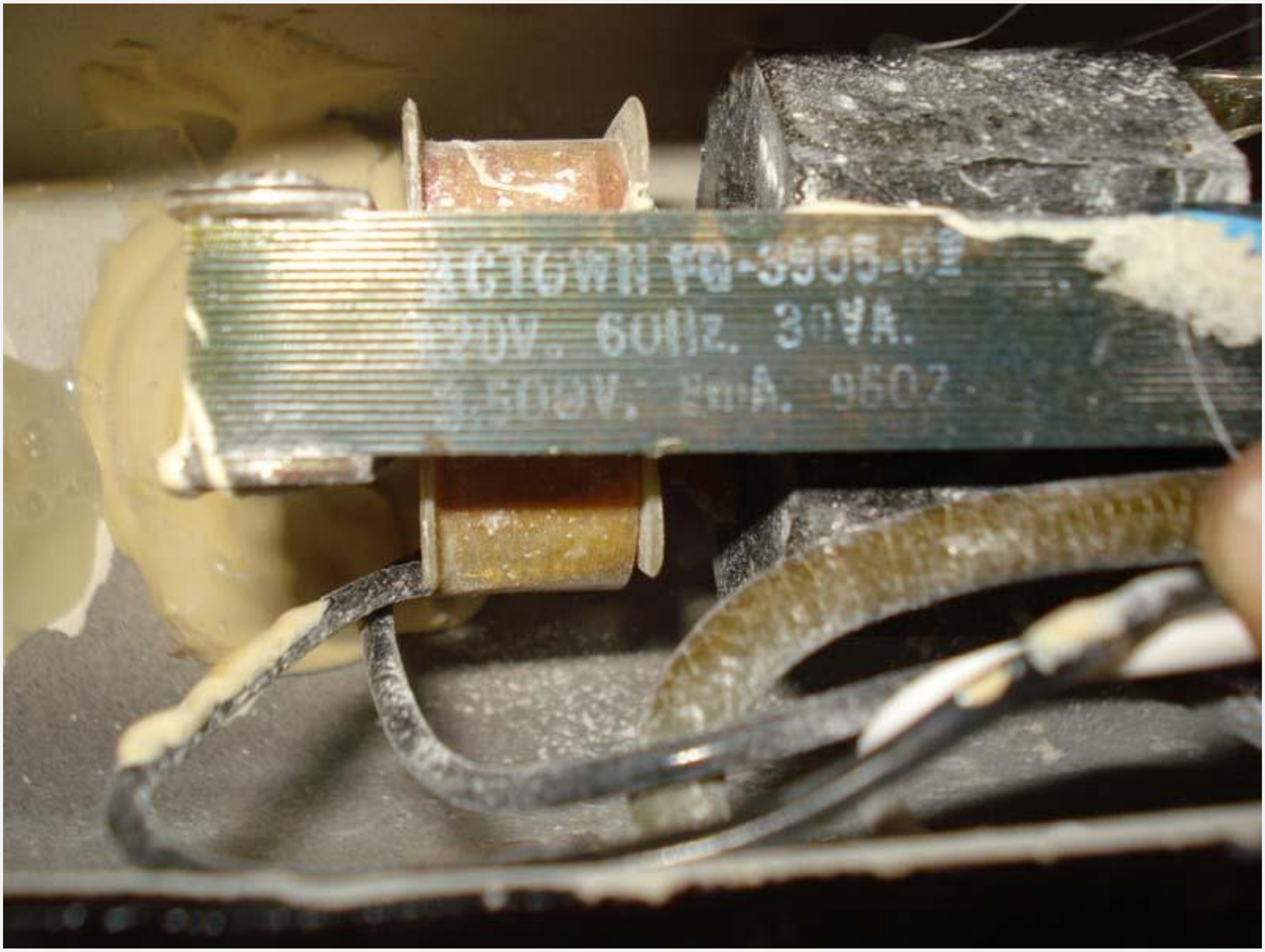

3500V 8mA Neon Sign Transformer
Prototype Pancake Coil
Primary Coil 3 turns of copper ribbon
Spark Gap
Capacitor, Set to .01 mfd

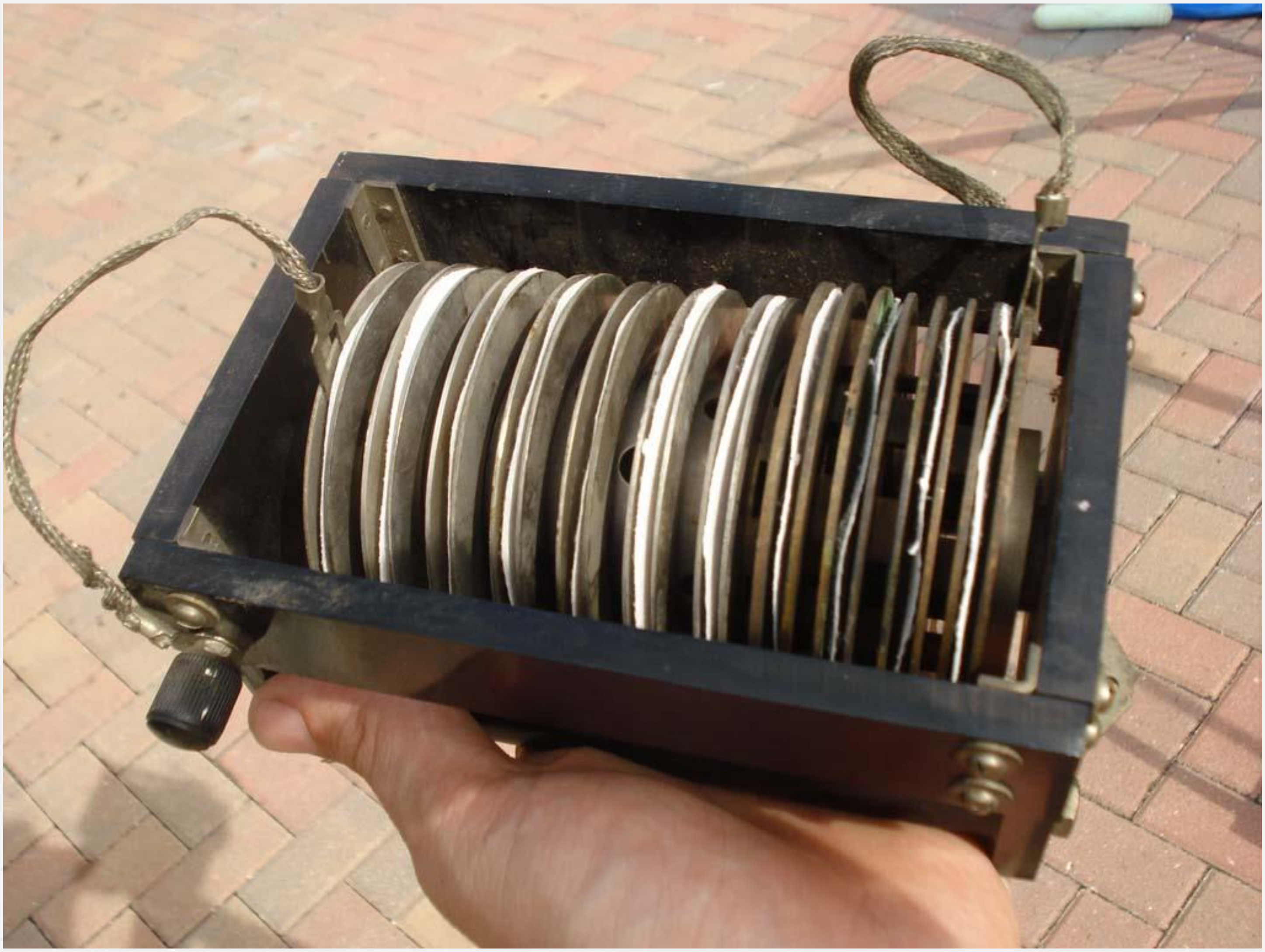


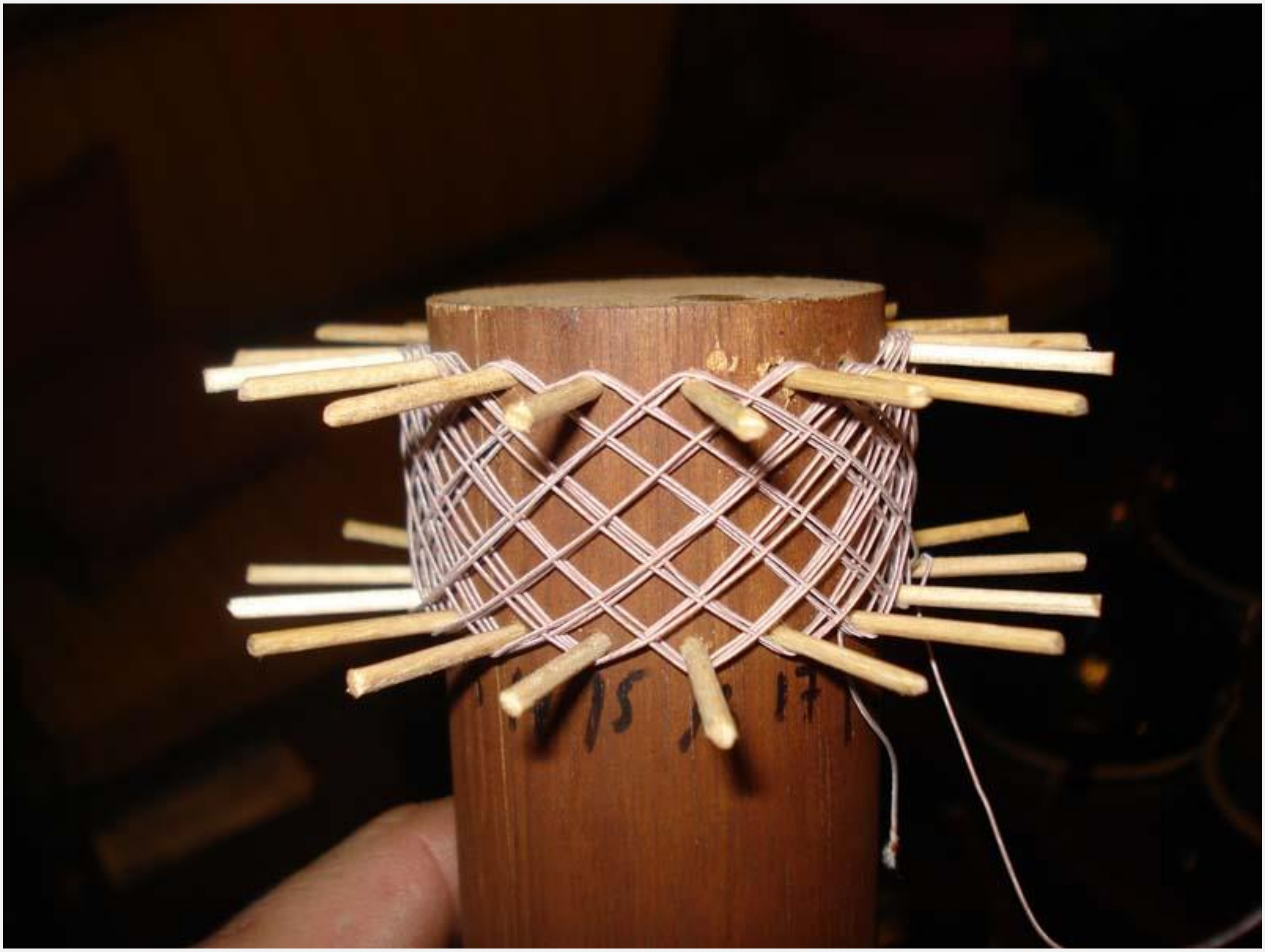







ACTOWN FG-3505-02
120V. 60Hz. 30VA.
3,500V. 2mA. 9507

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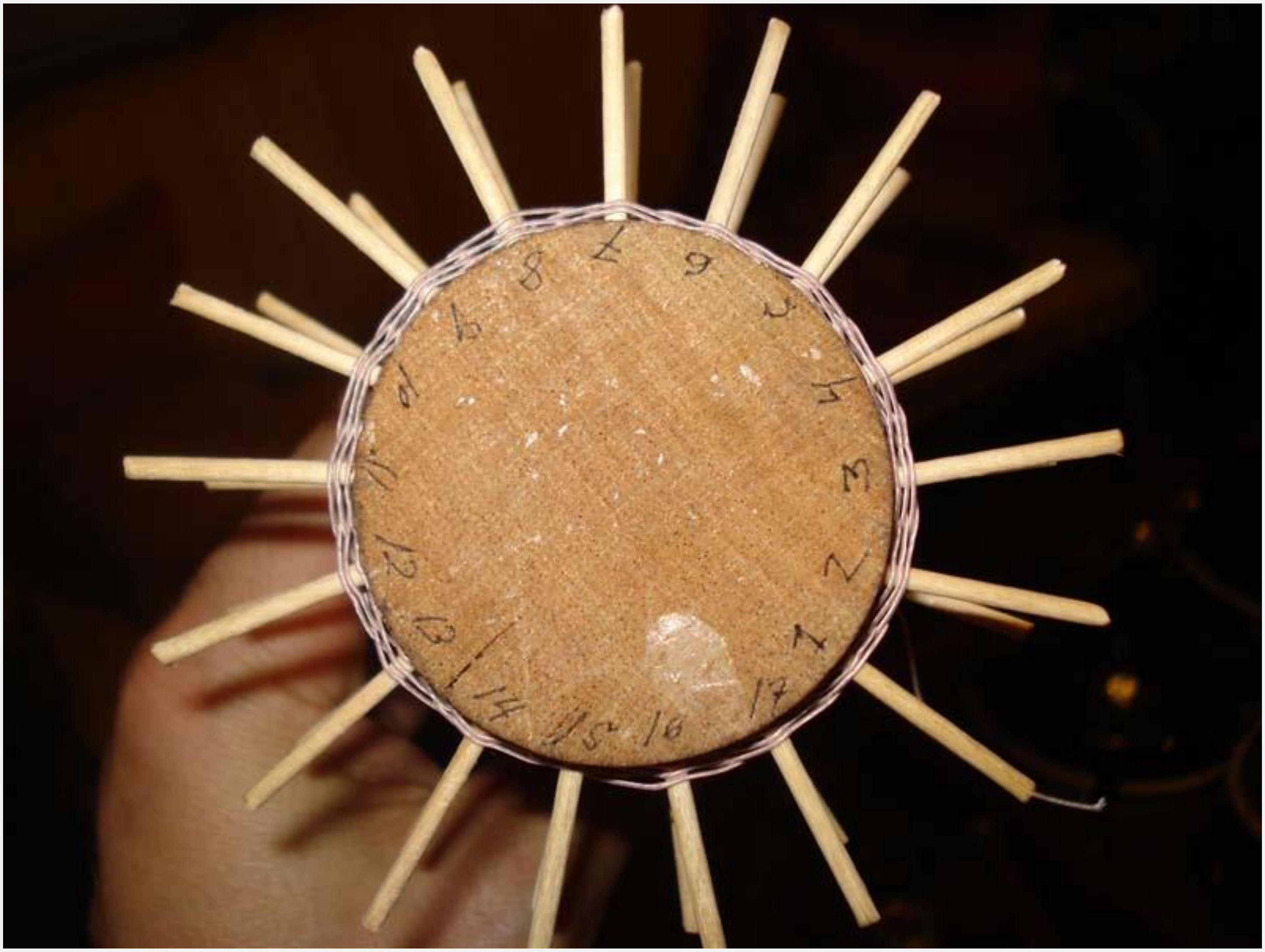
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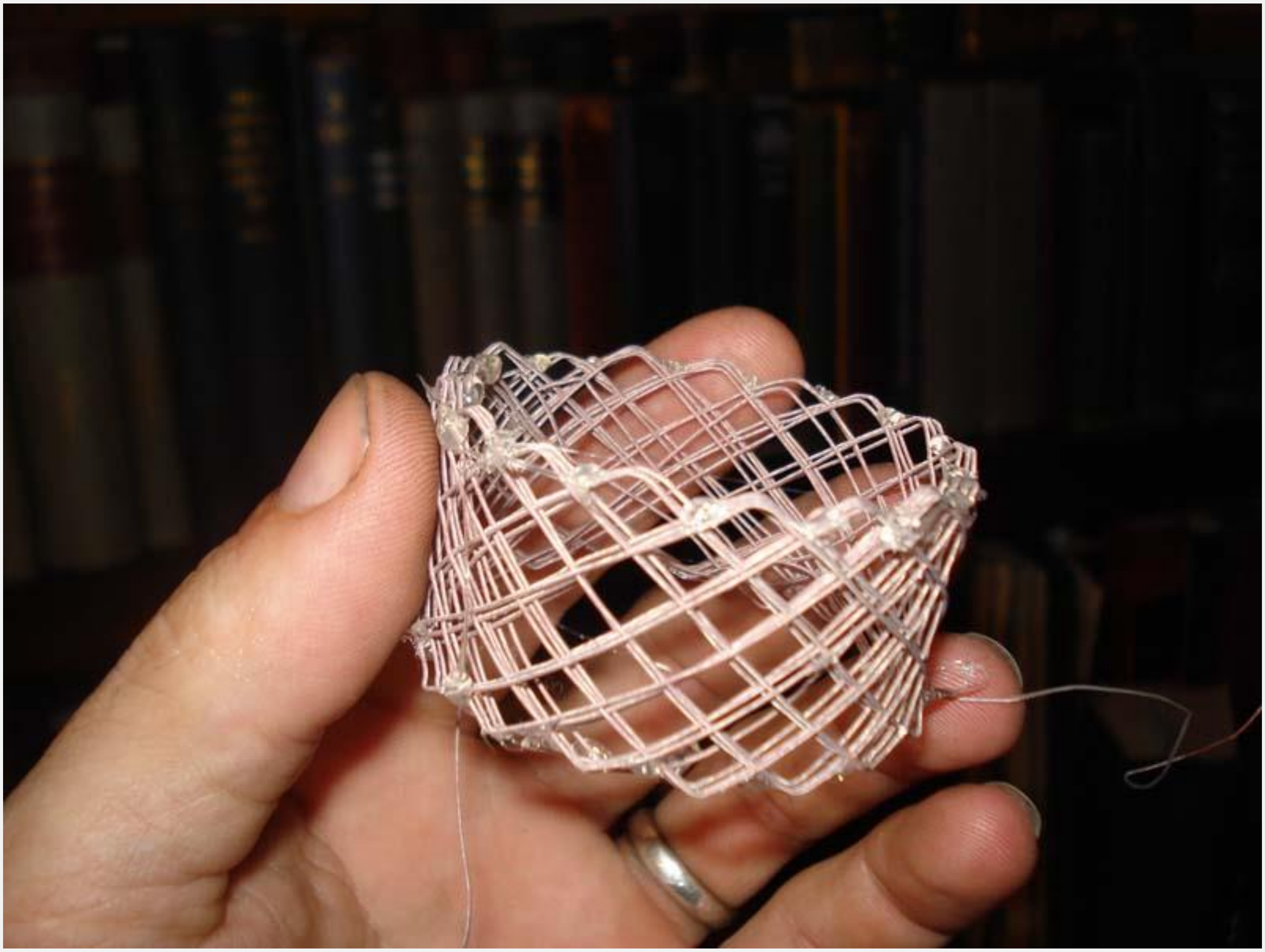
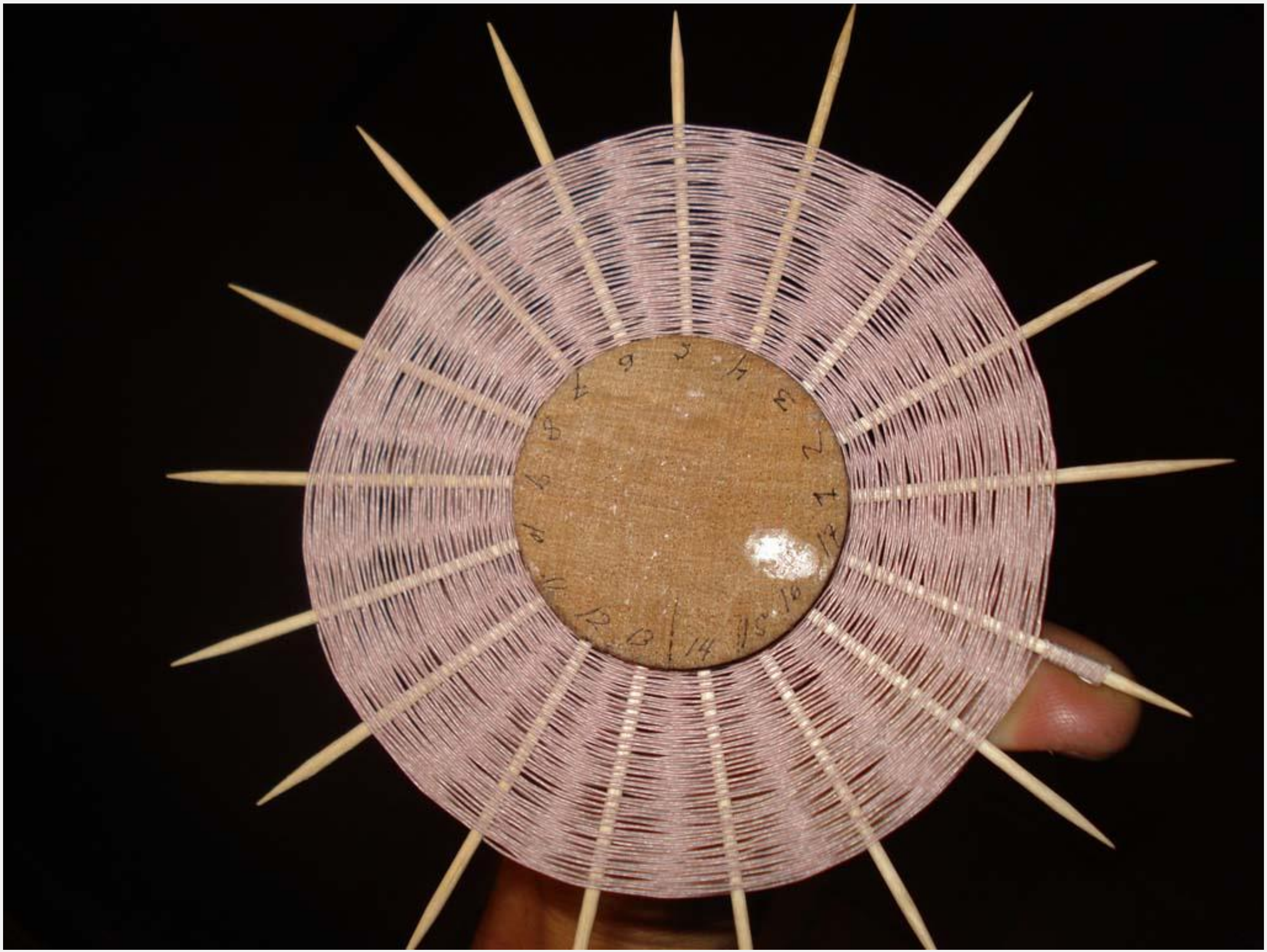
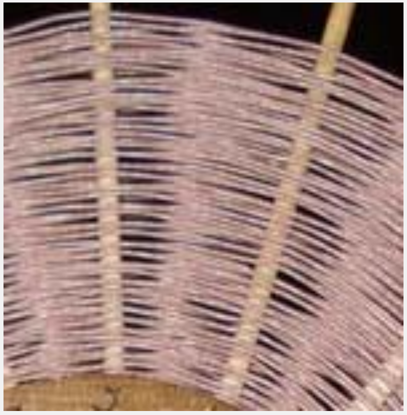
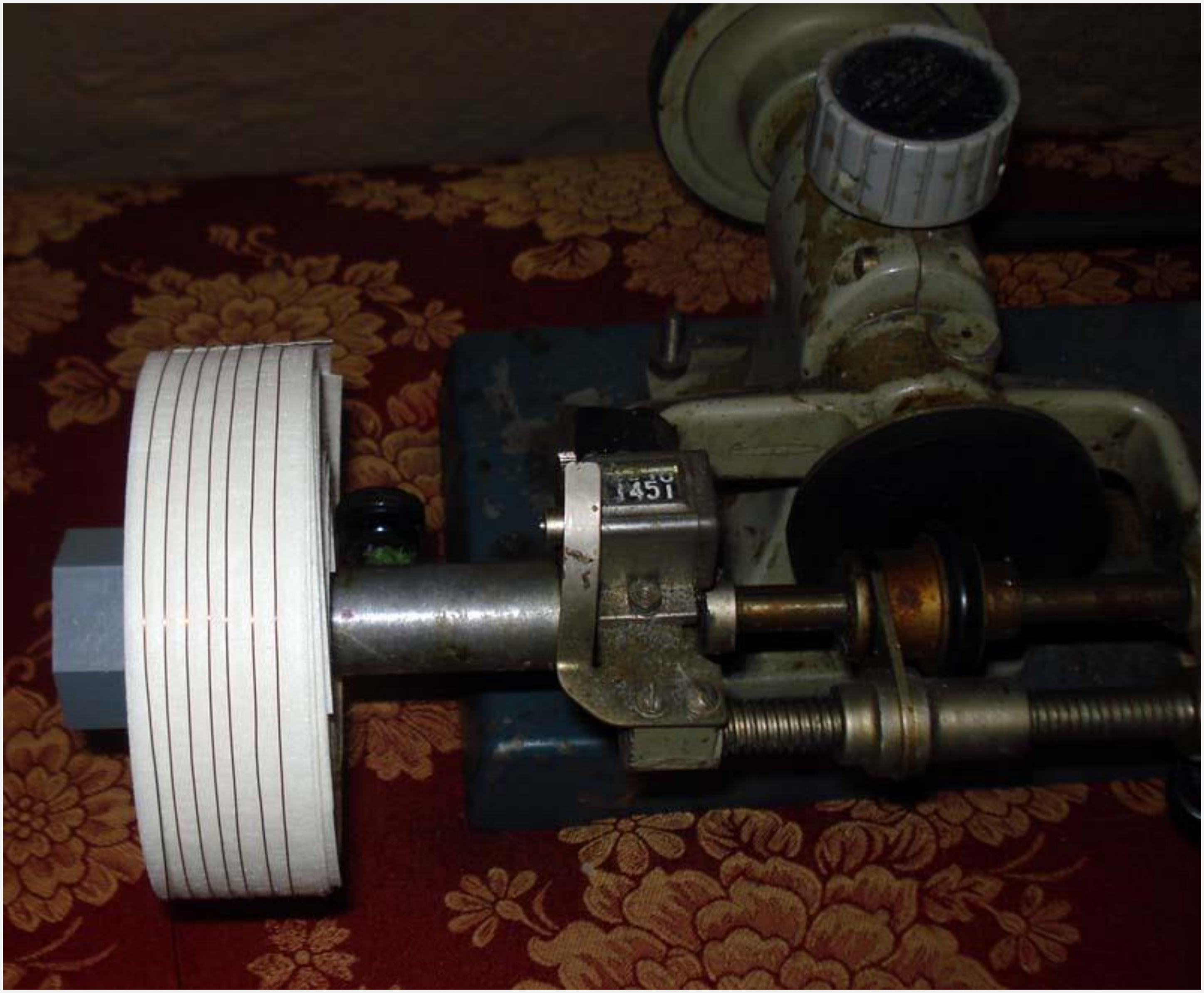
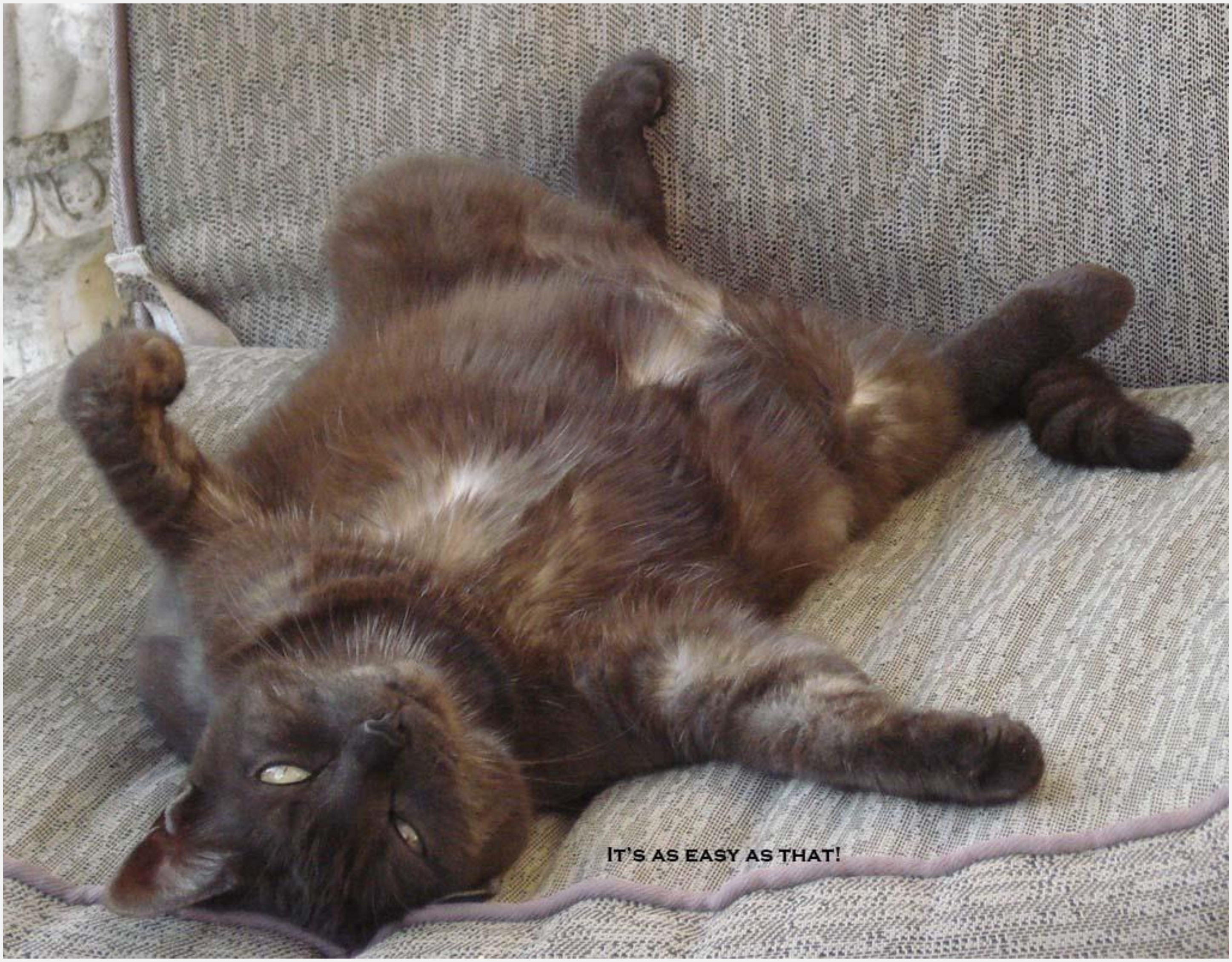


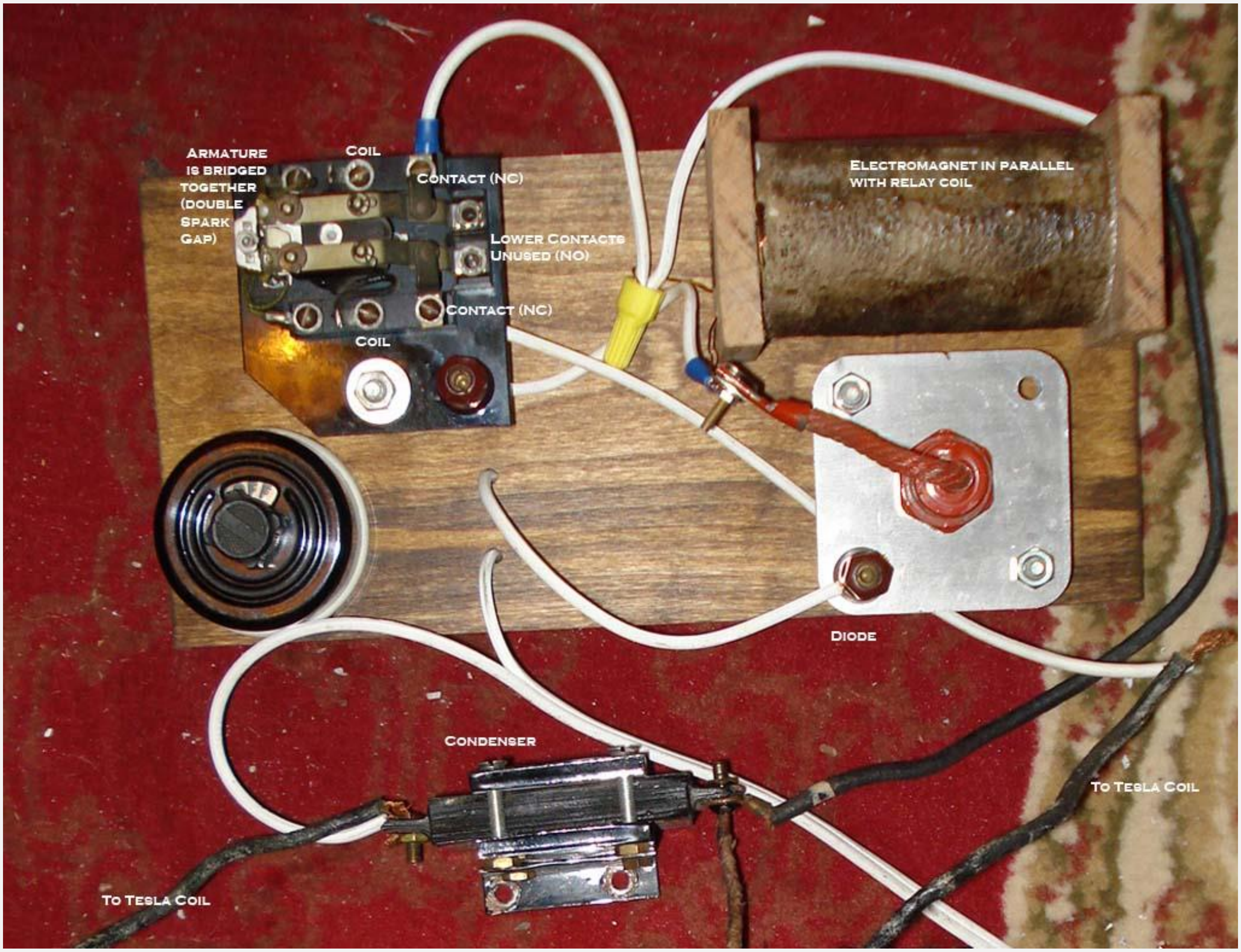


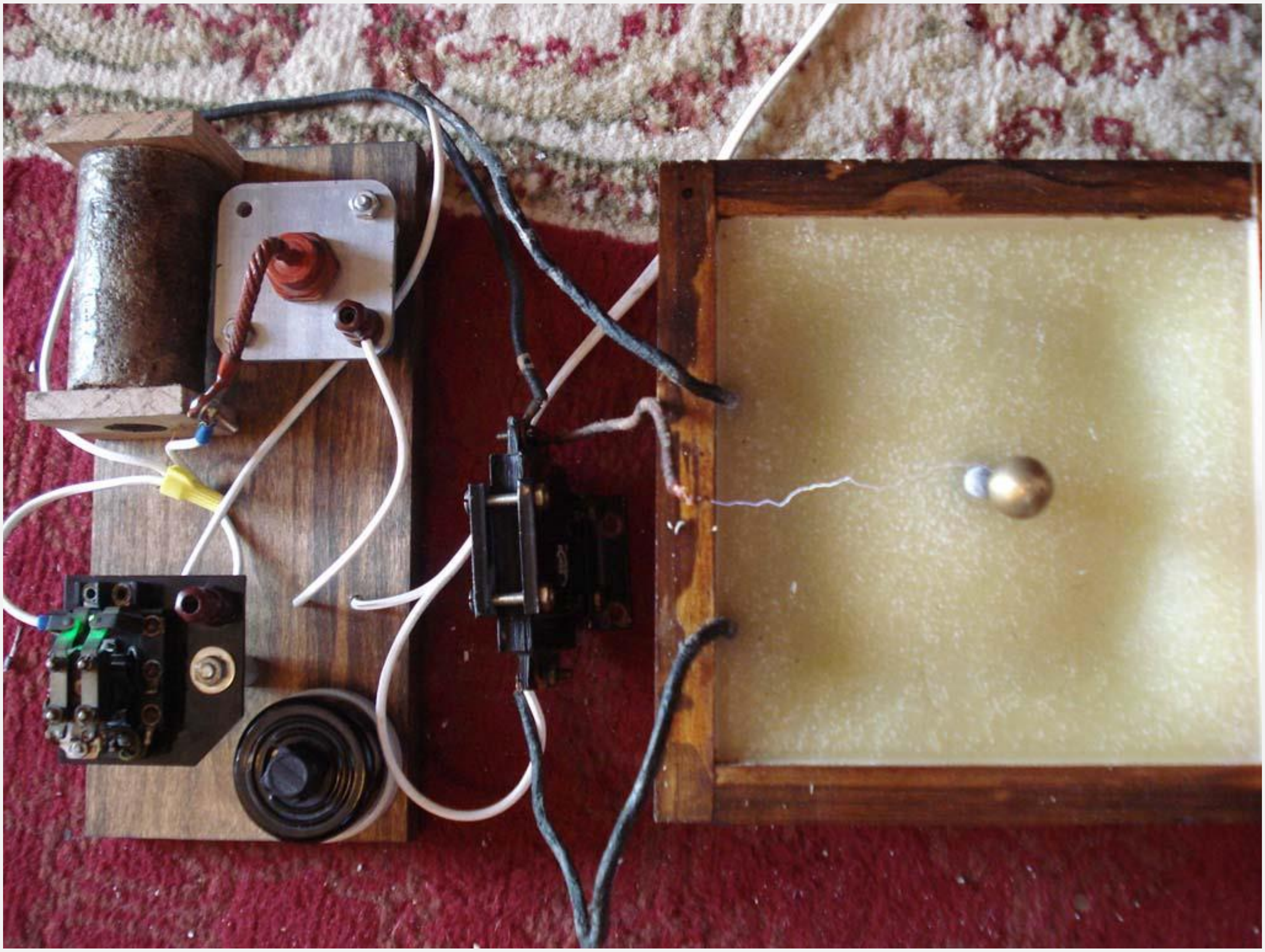




1451


It's as easy as that!


Armature is bridged together (double Spark Gap)
Coil
Contact (NC)
Lower Contacts Unused (NO)
Contact (NC)
Coil
Electromagnet in parallel with relay coil
Diode
Condenser
To Tesla Coil
To Tesla Coil



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STAINLESS
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GENERAL
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MADE IN U.S.A.

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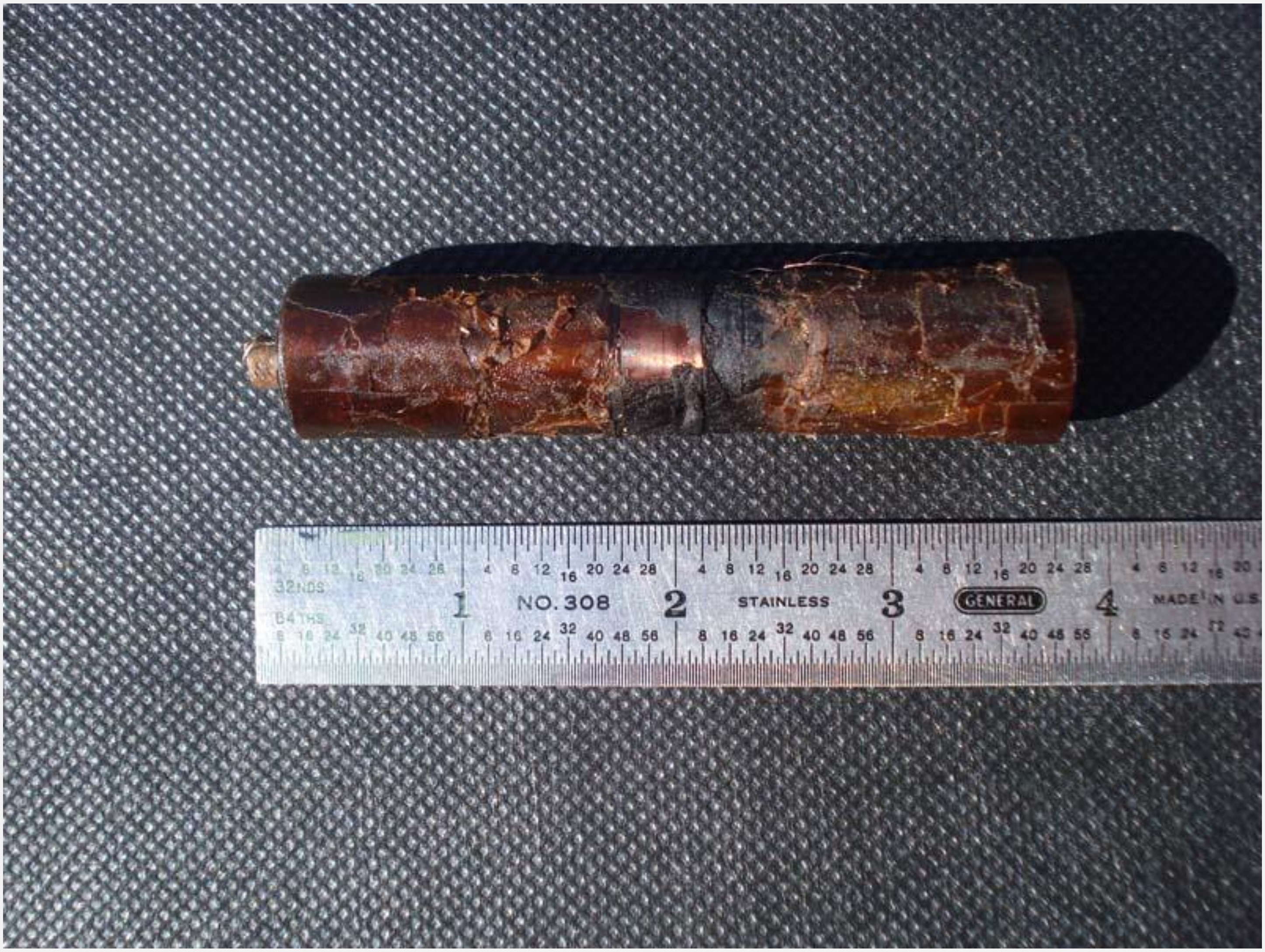

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32NDS
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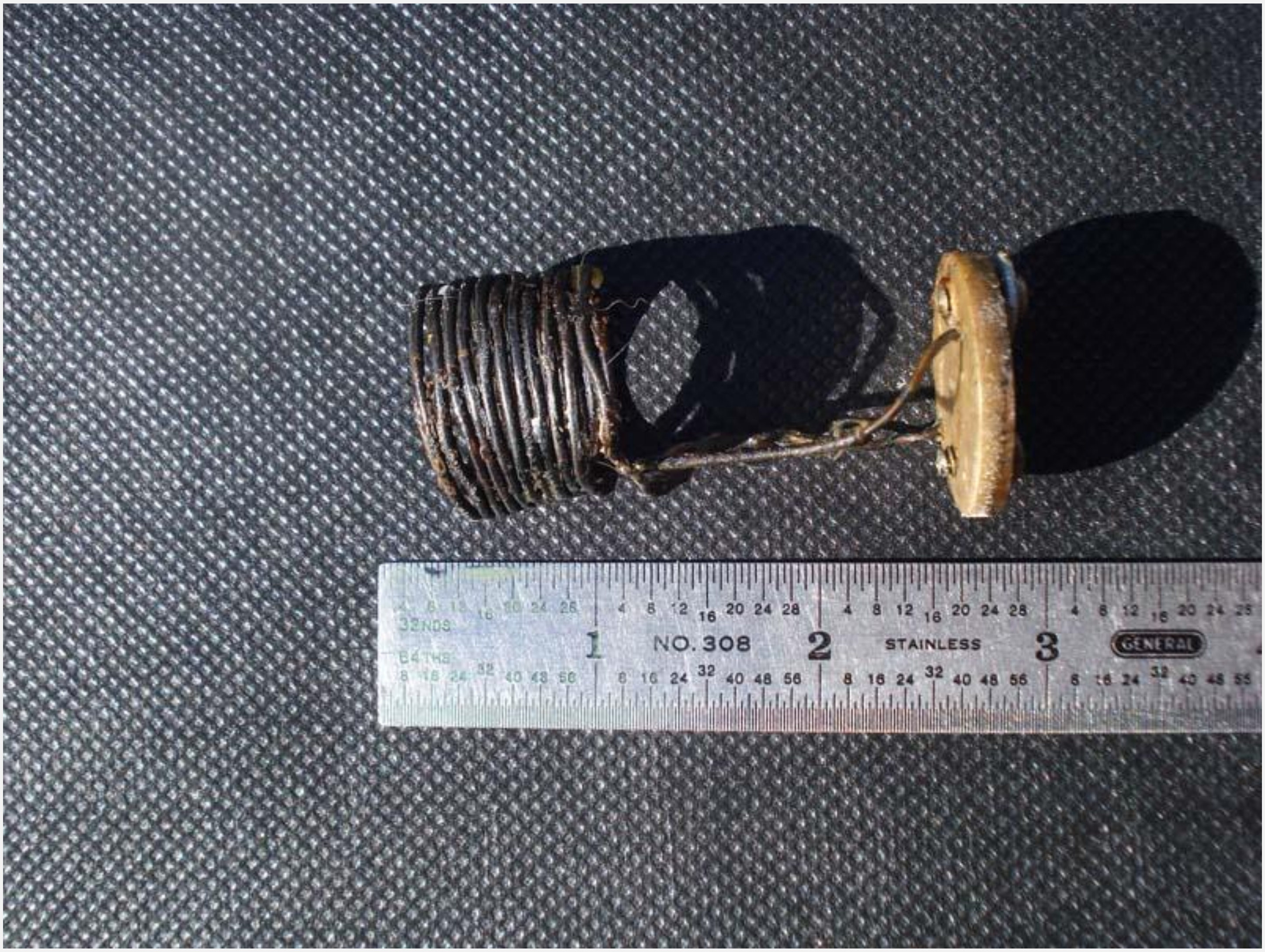

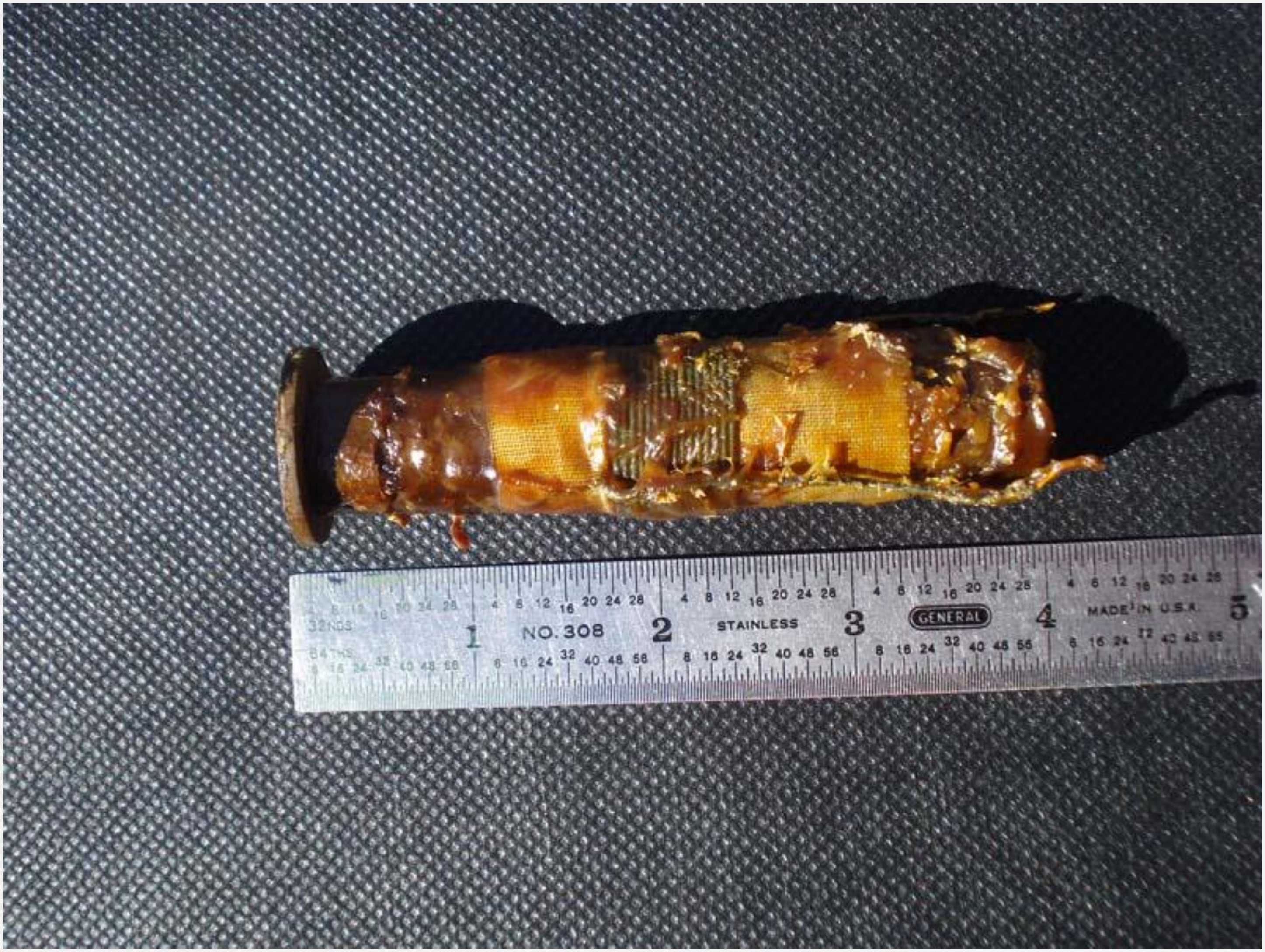

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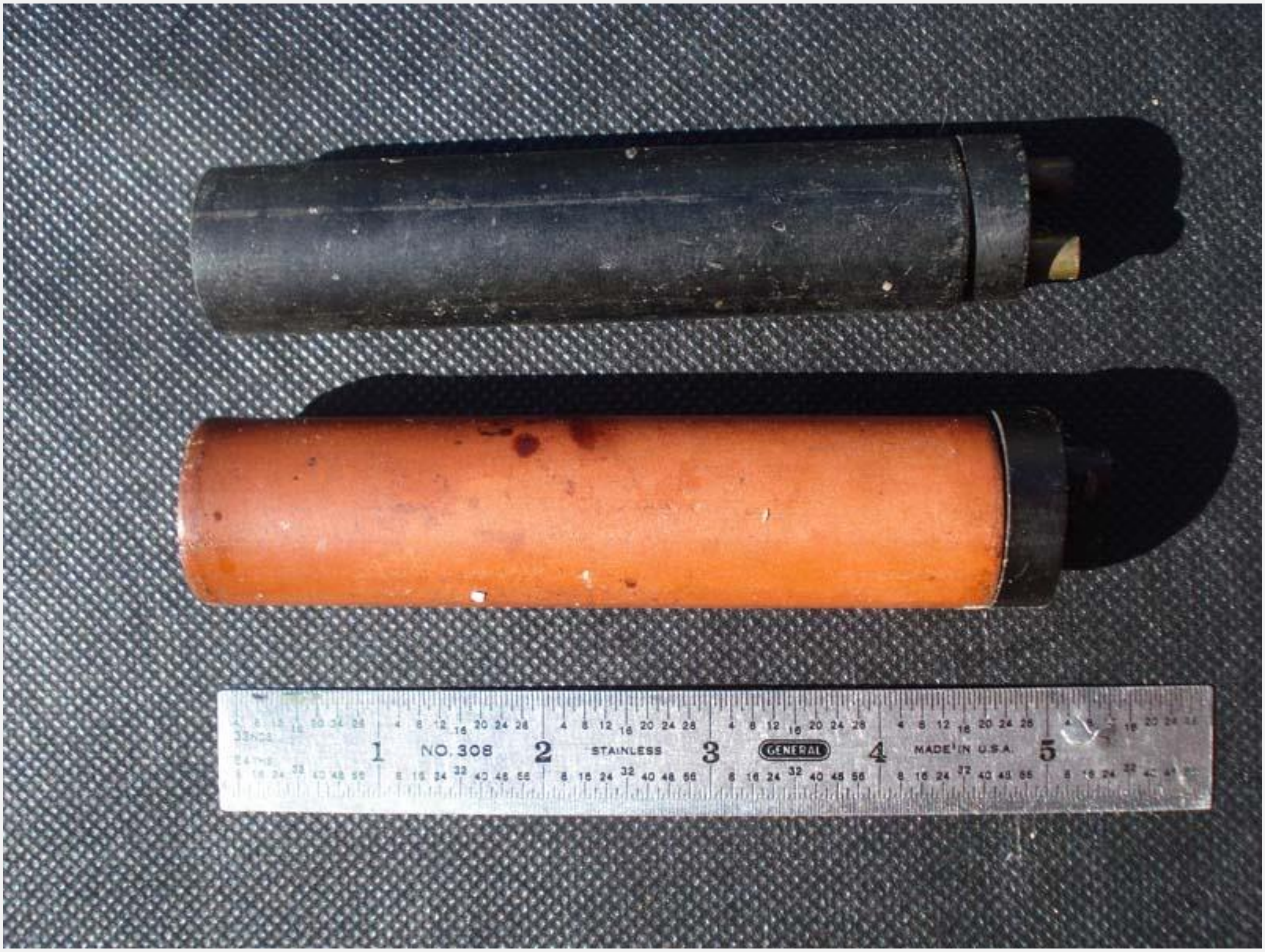

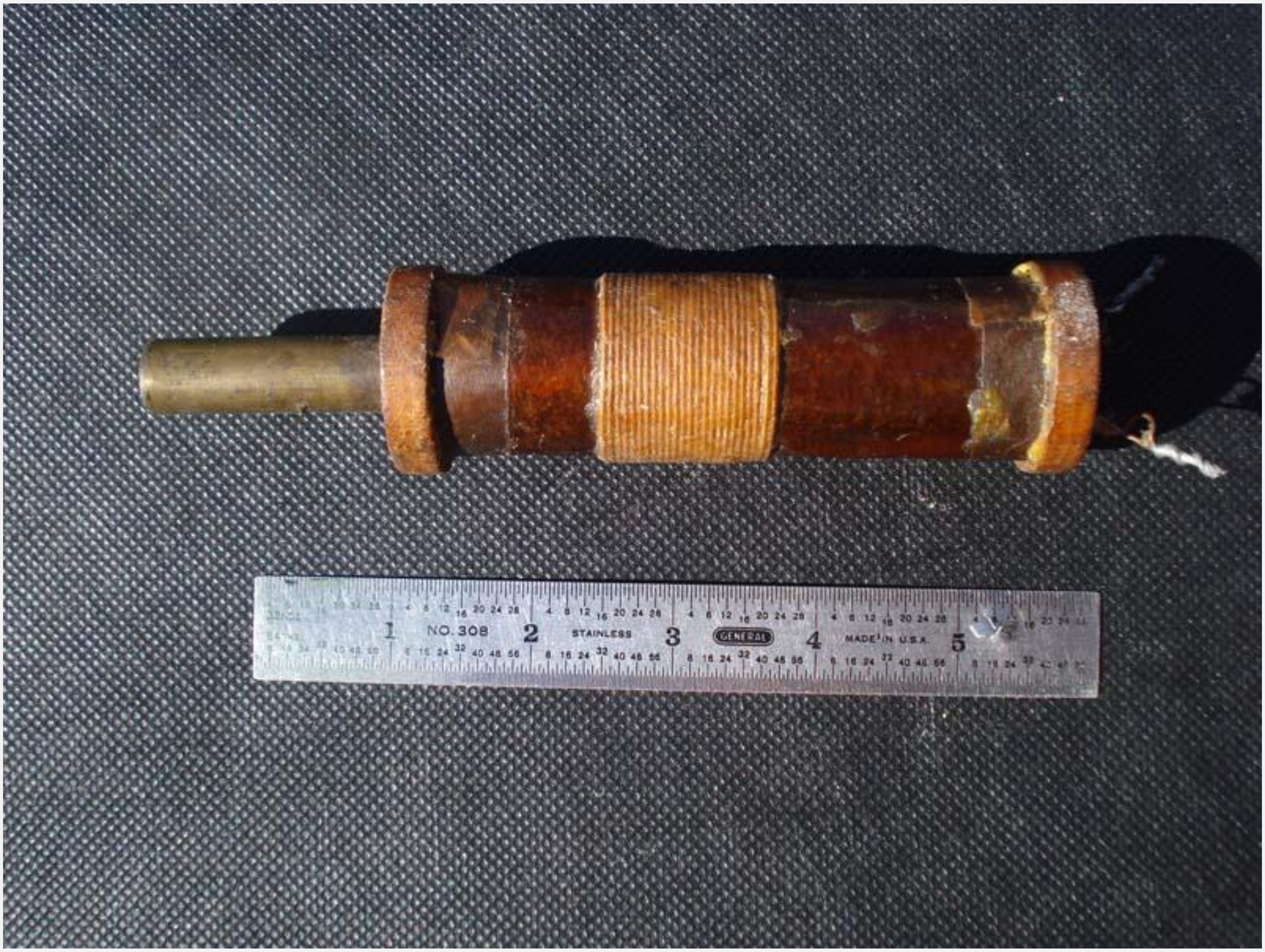
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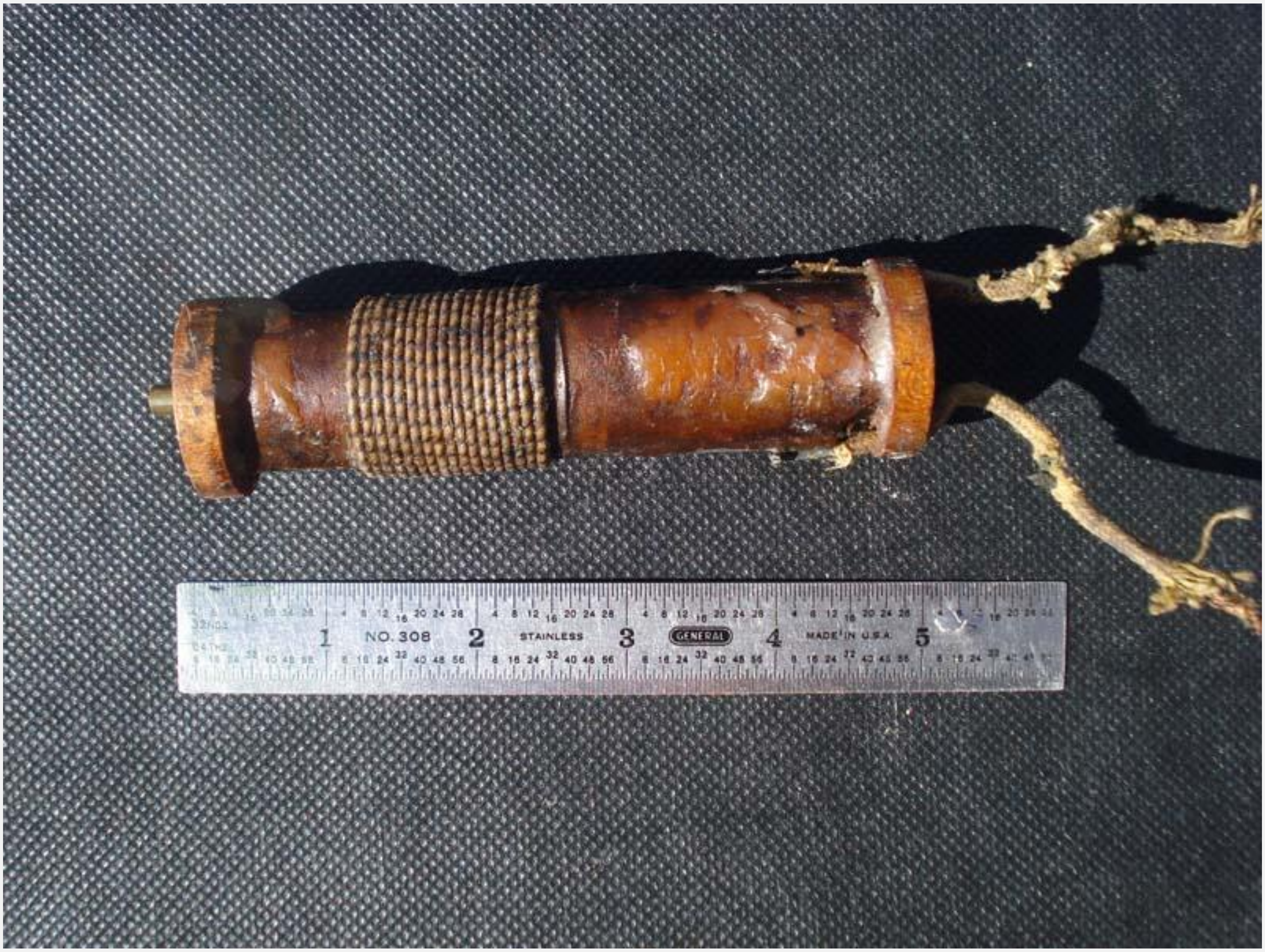
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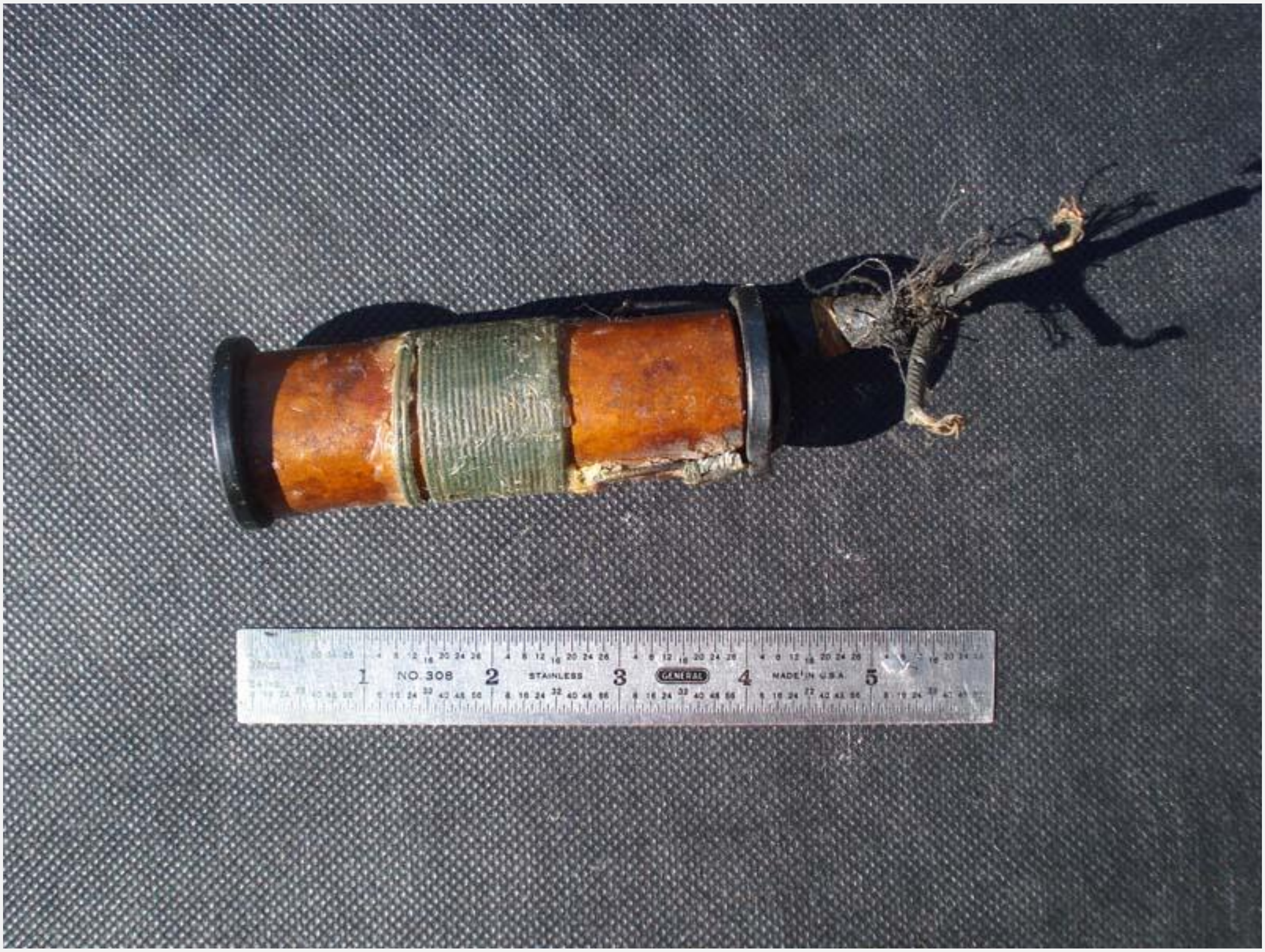

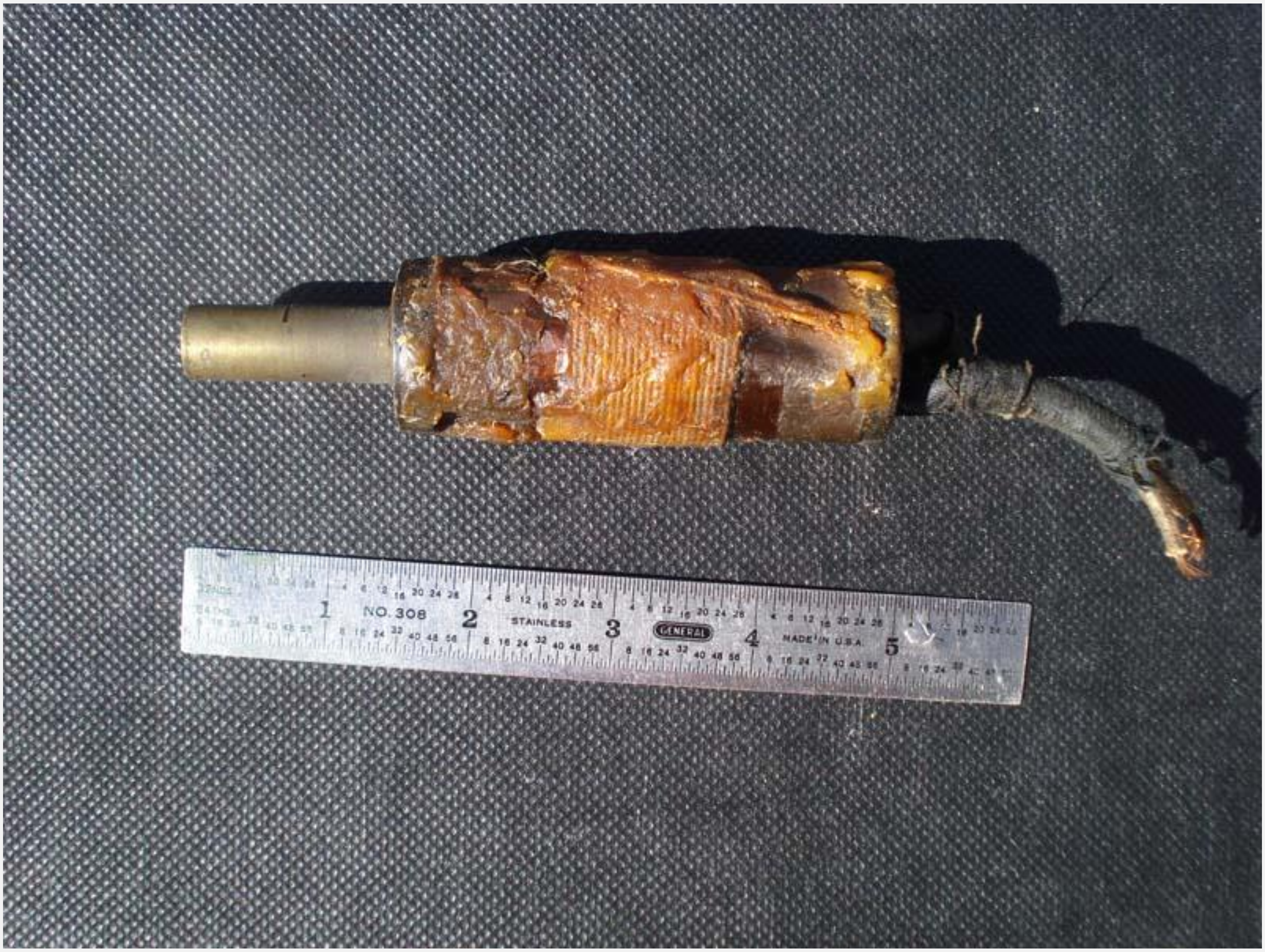

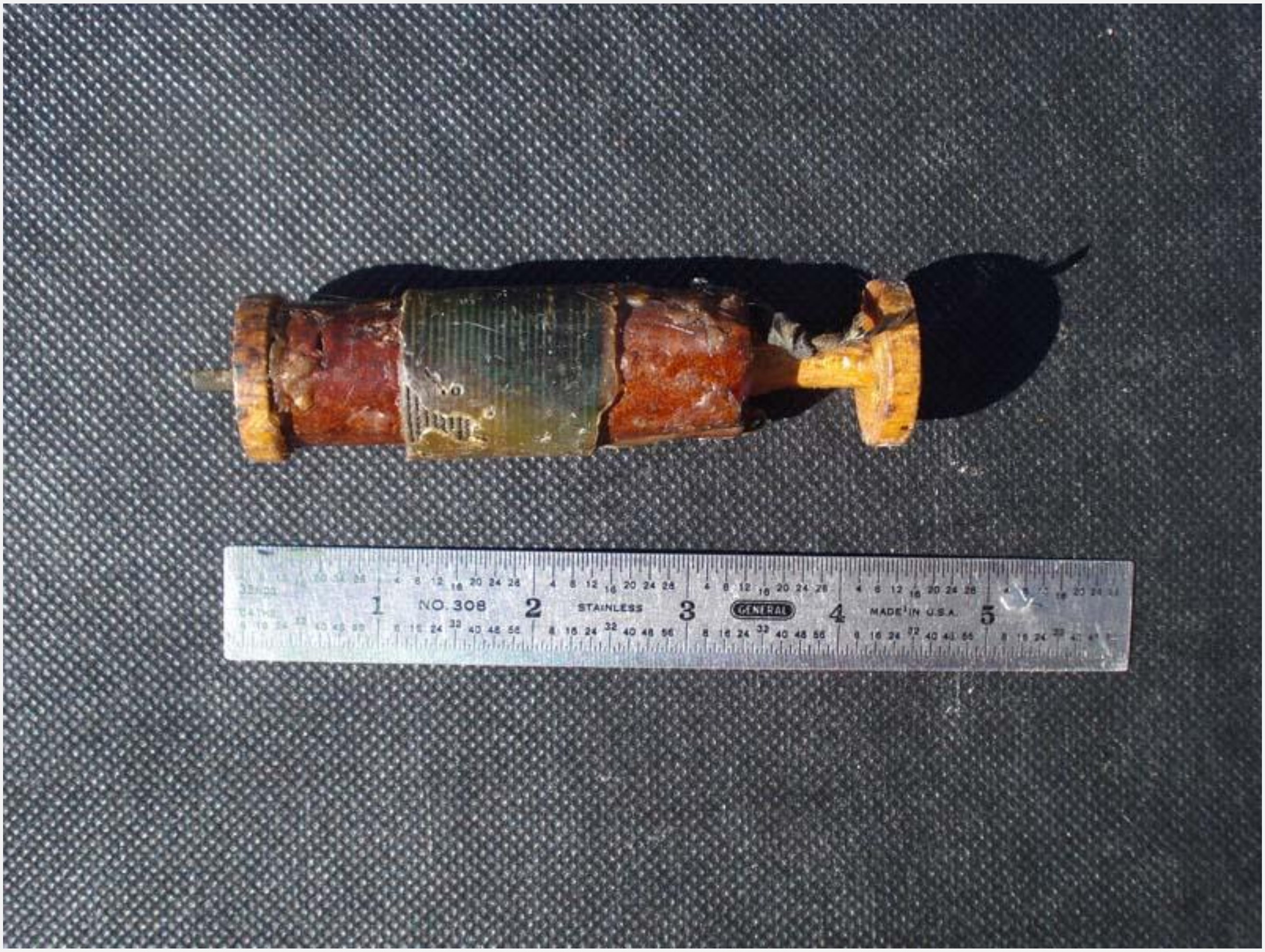

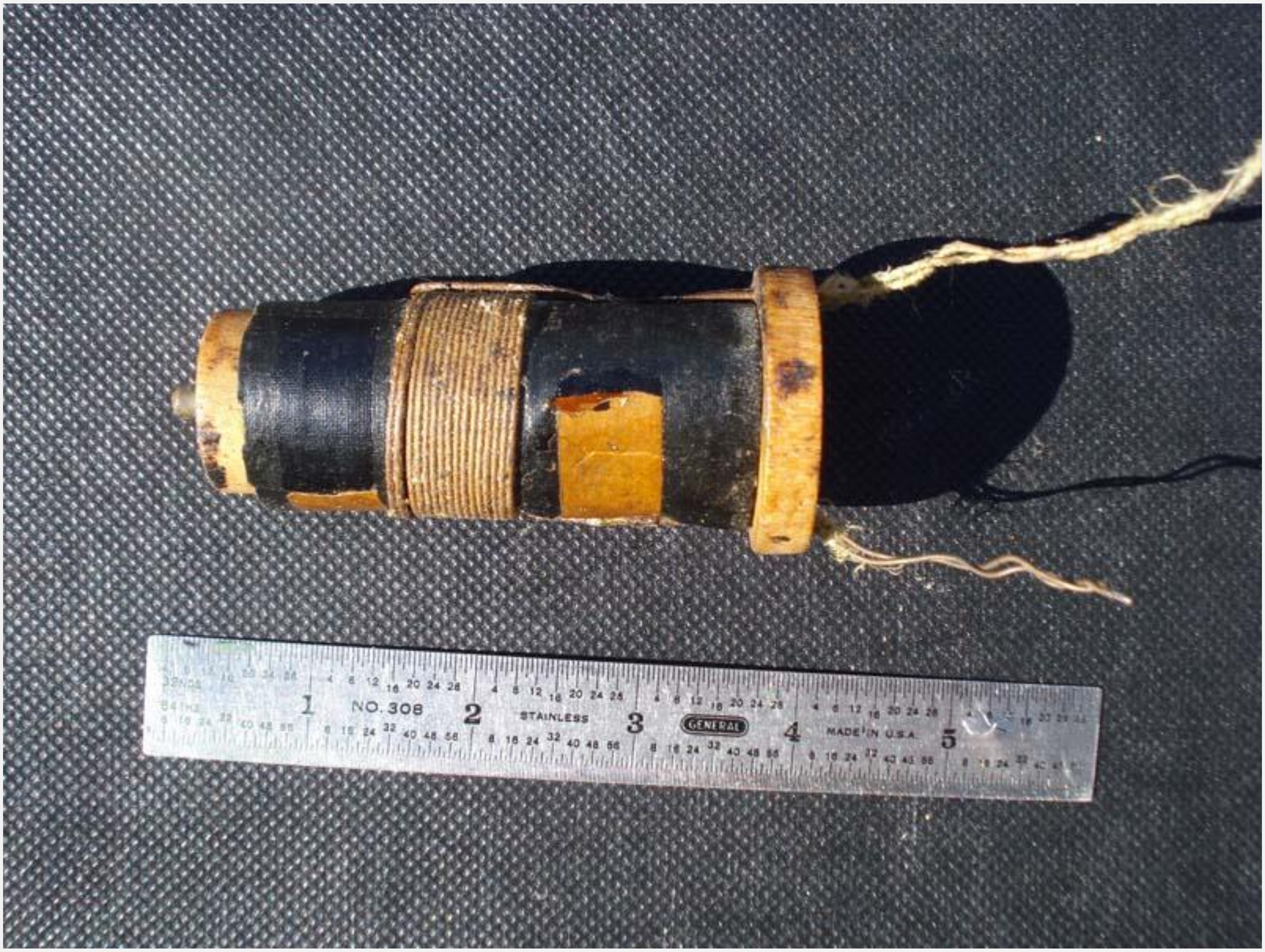
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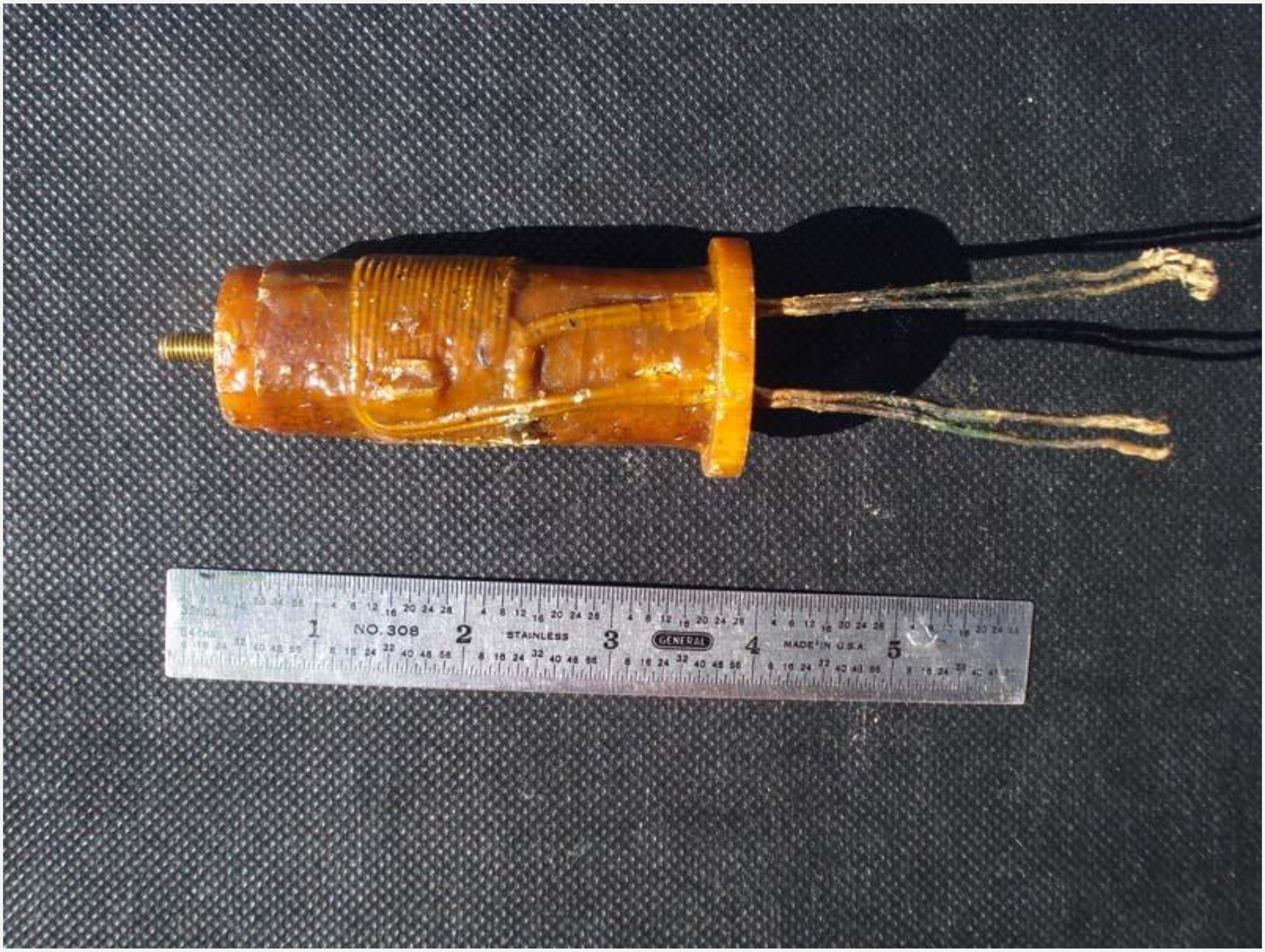
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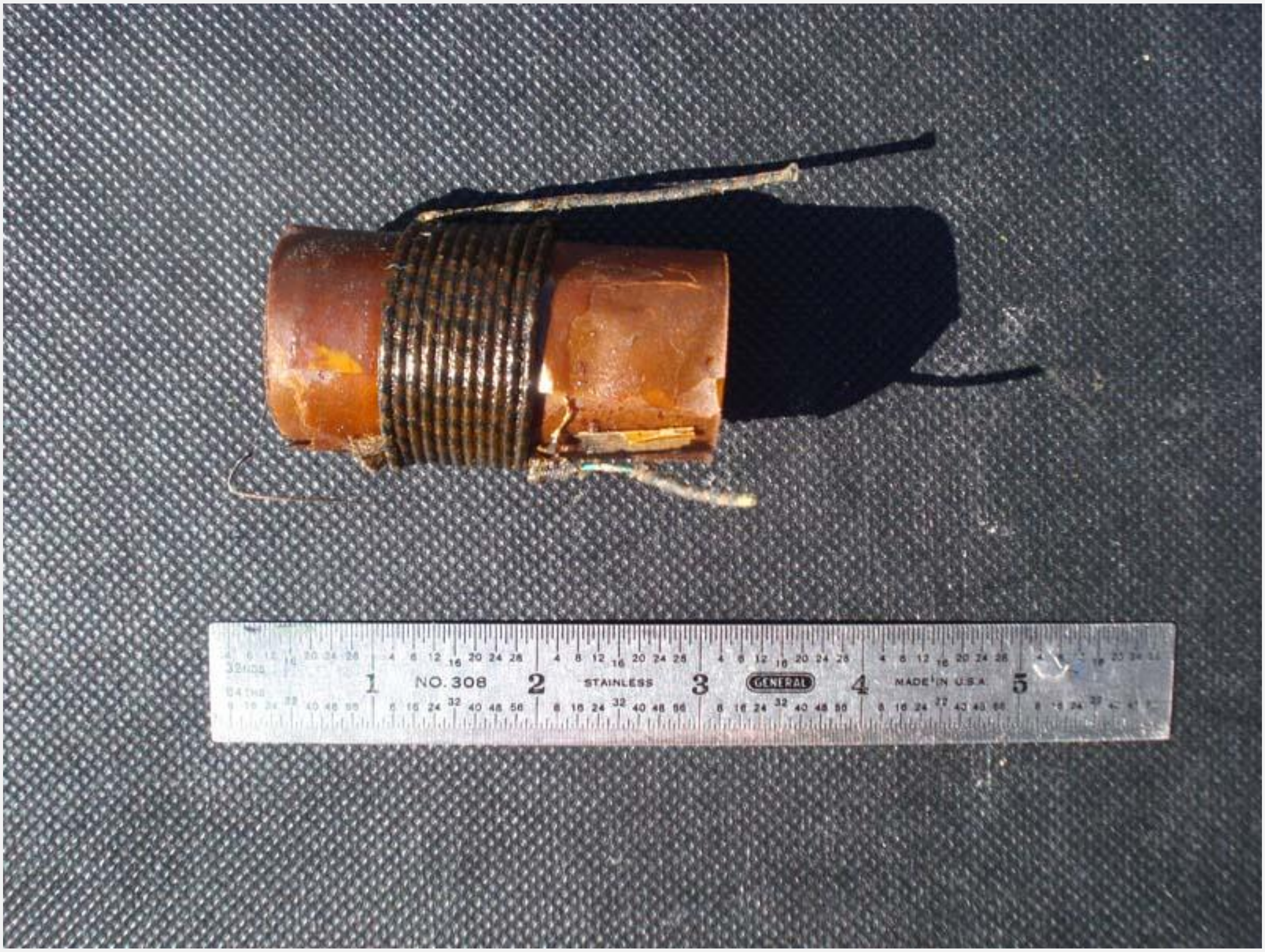
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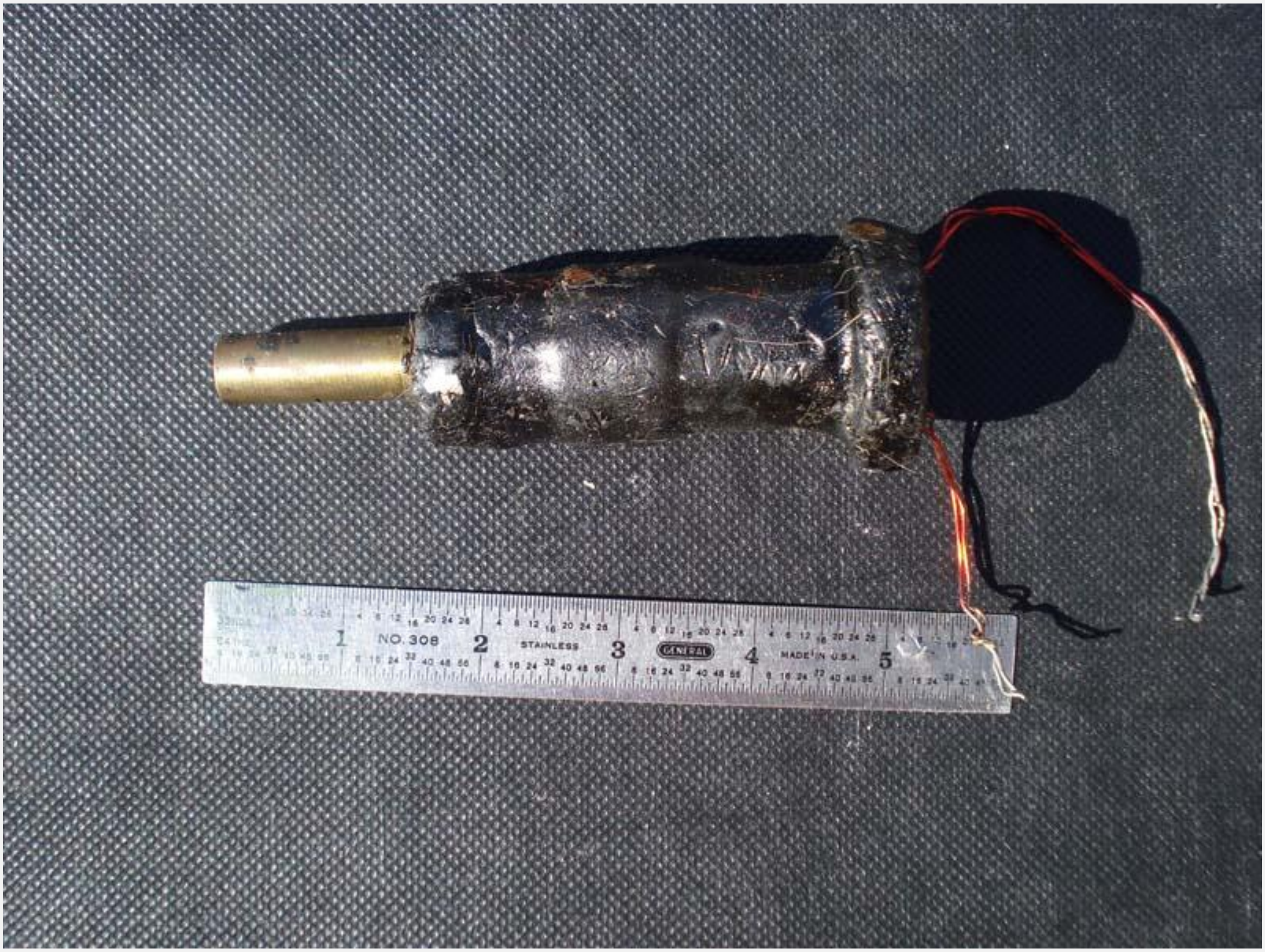

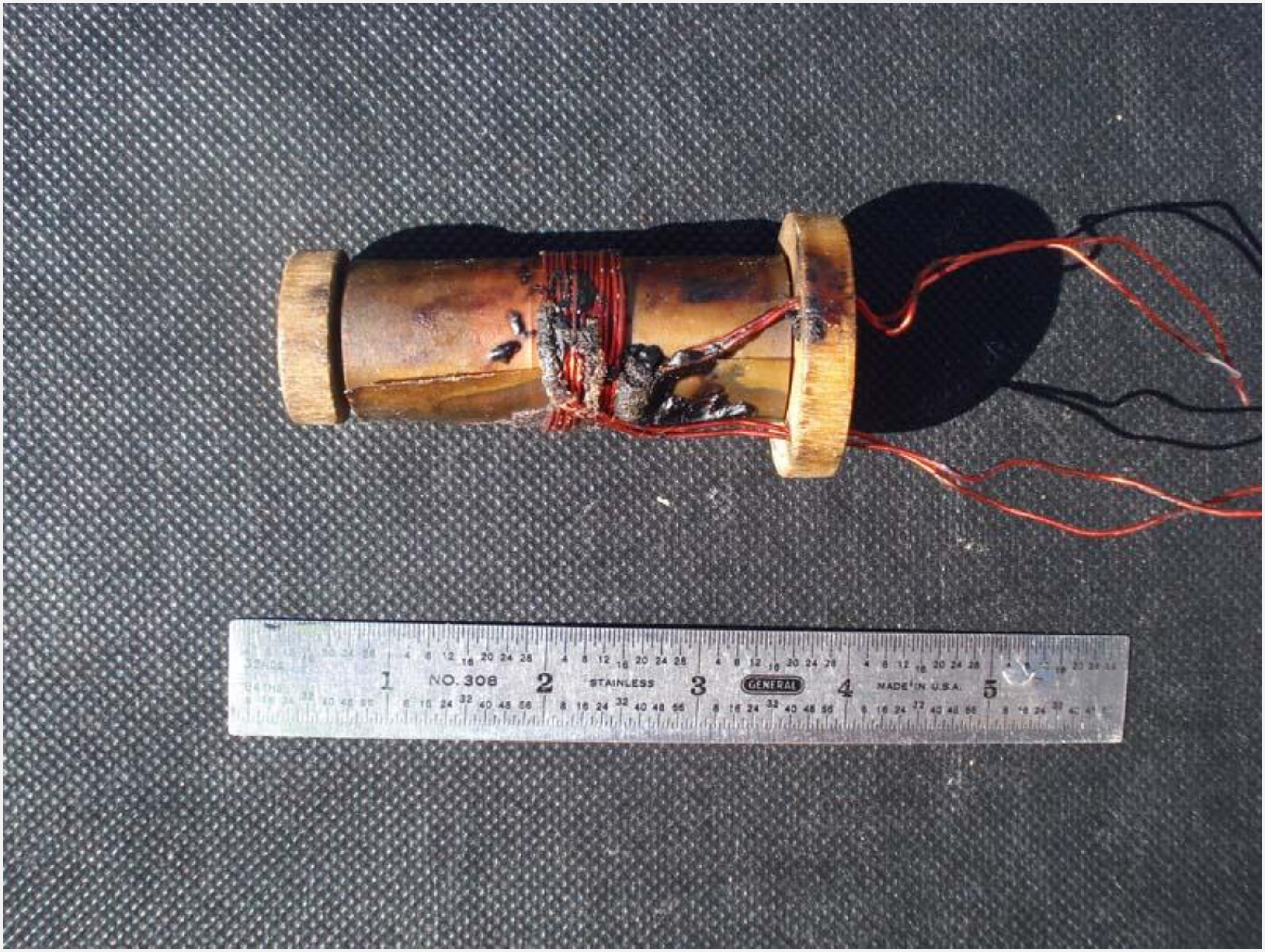
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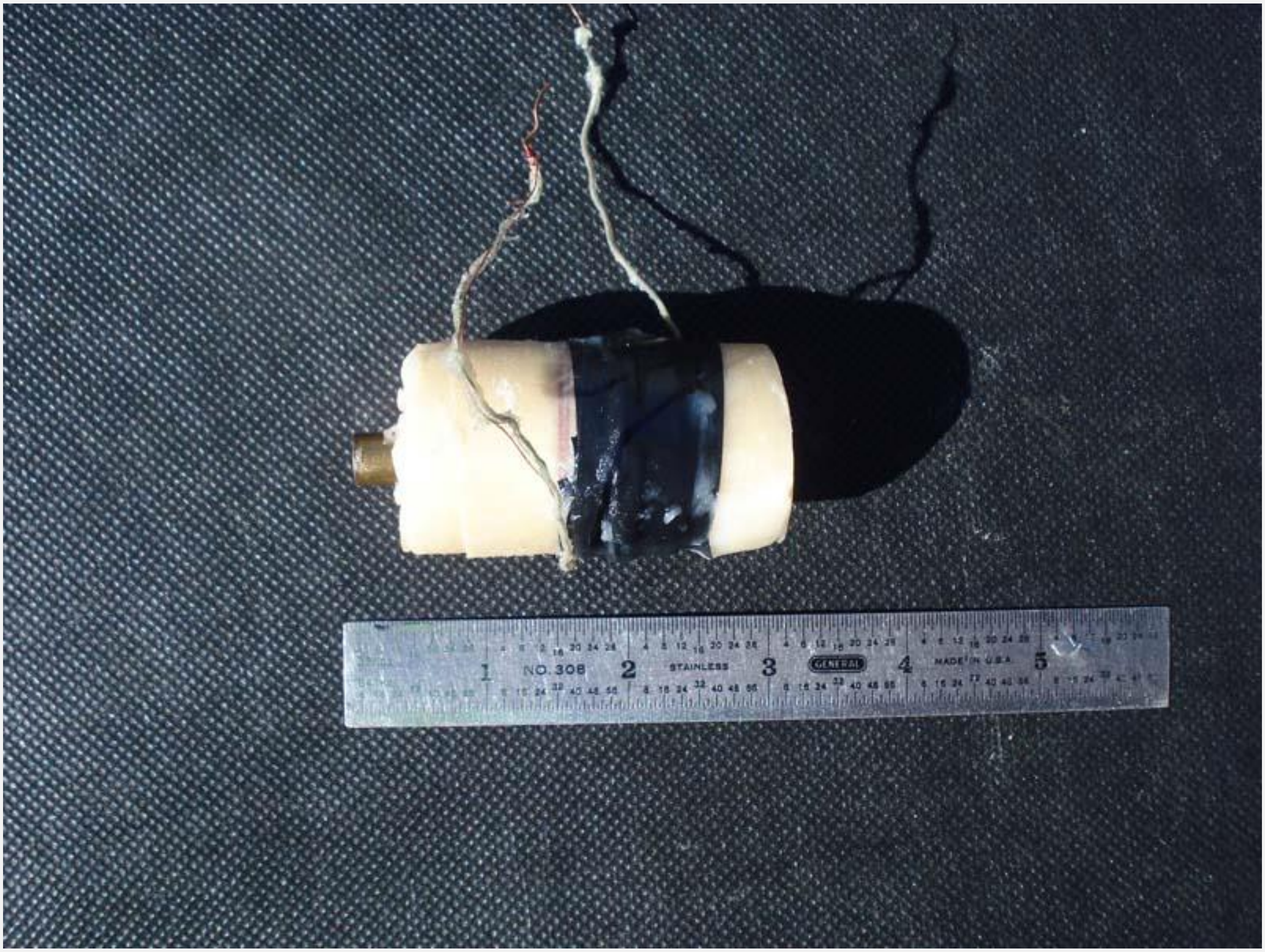
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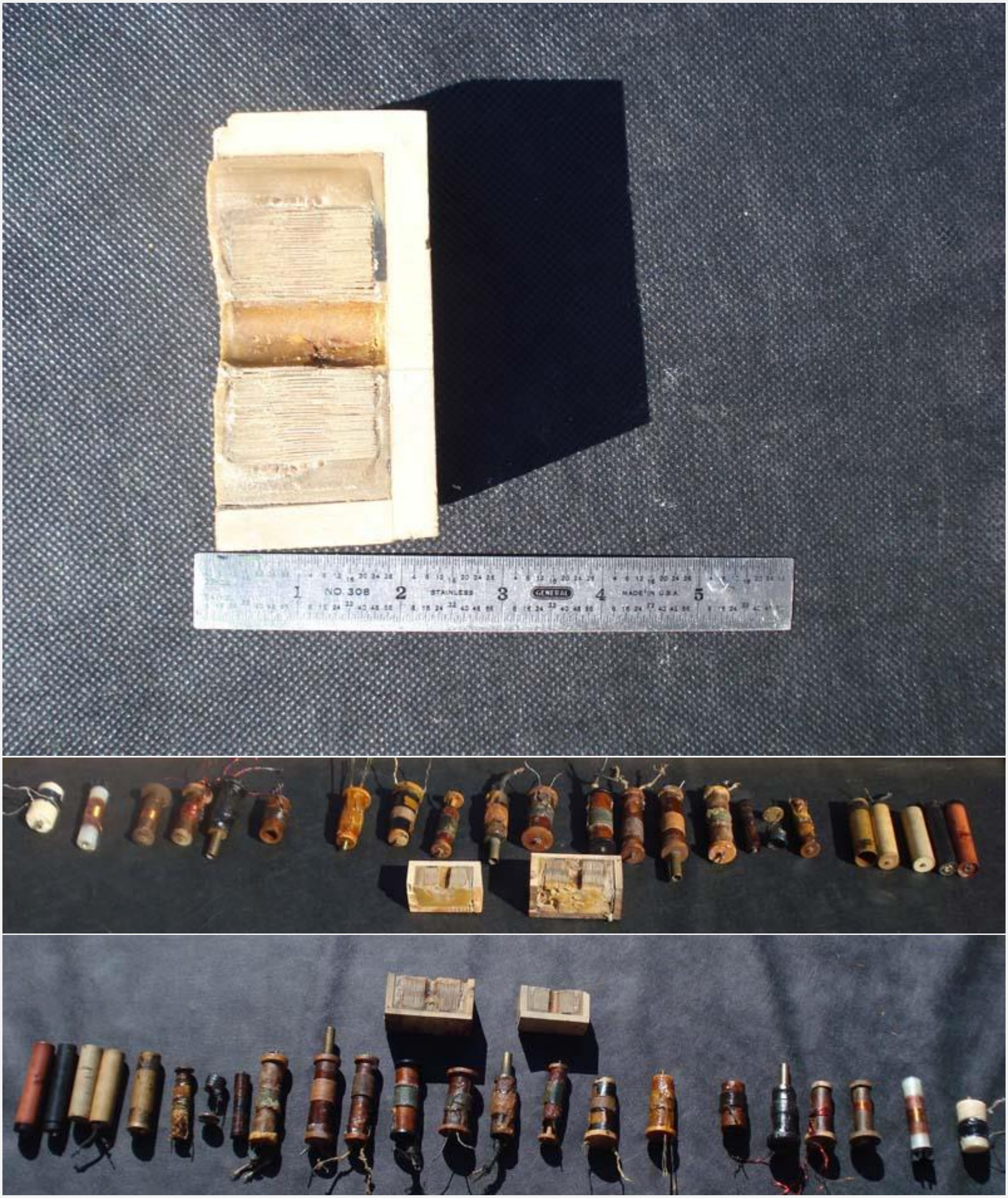
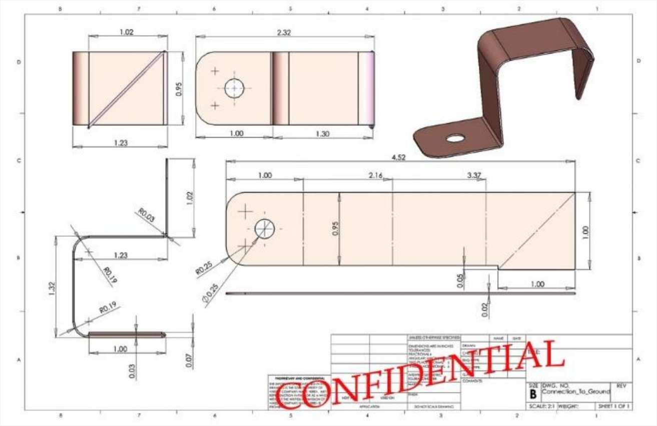
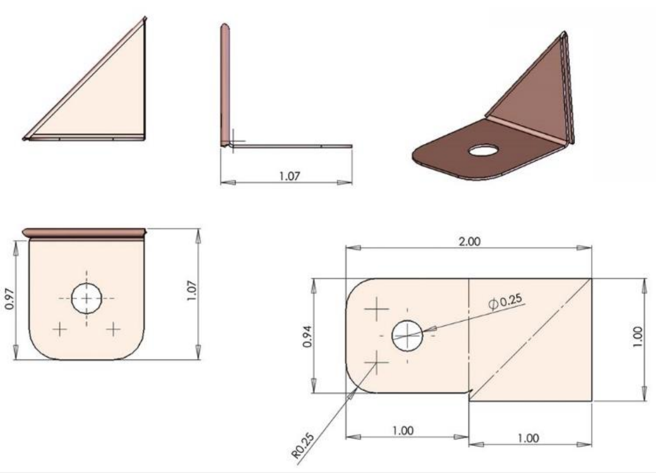
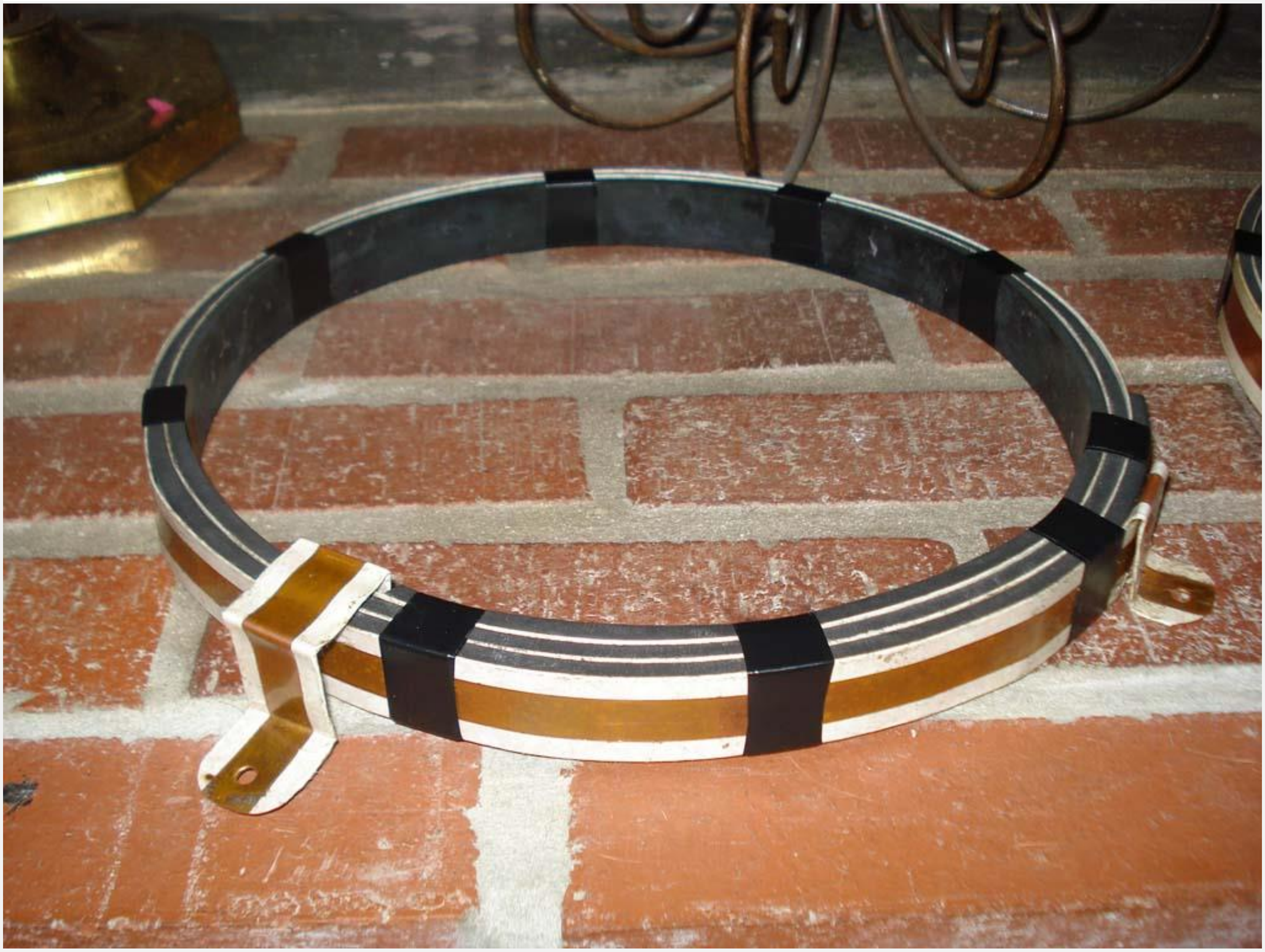
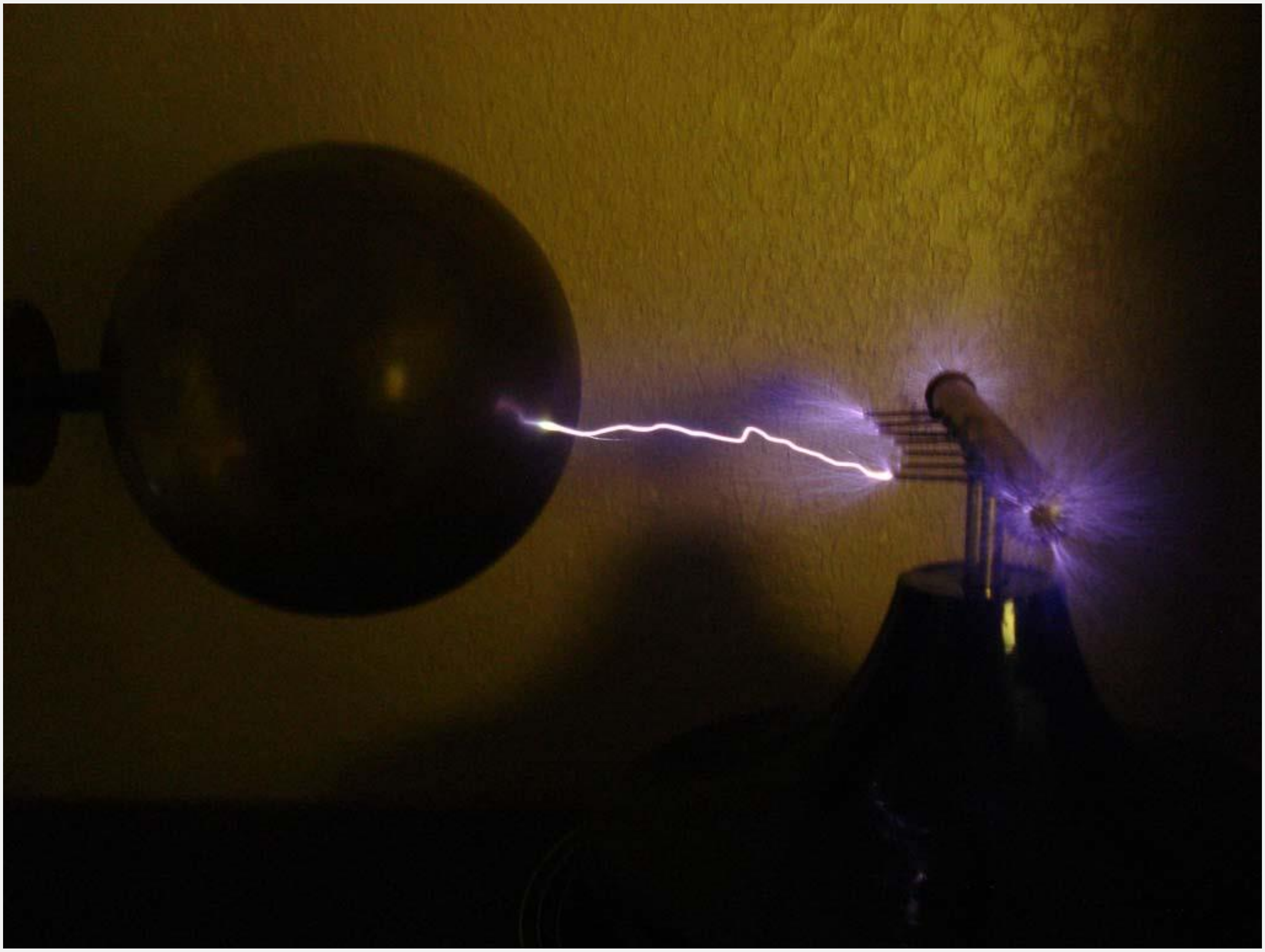


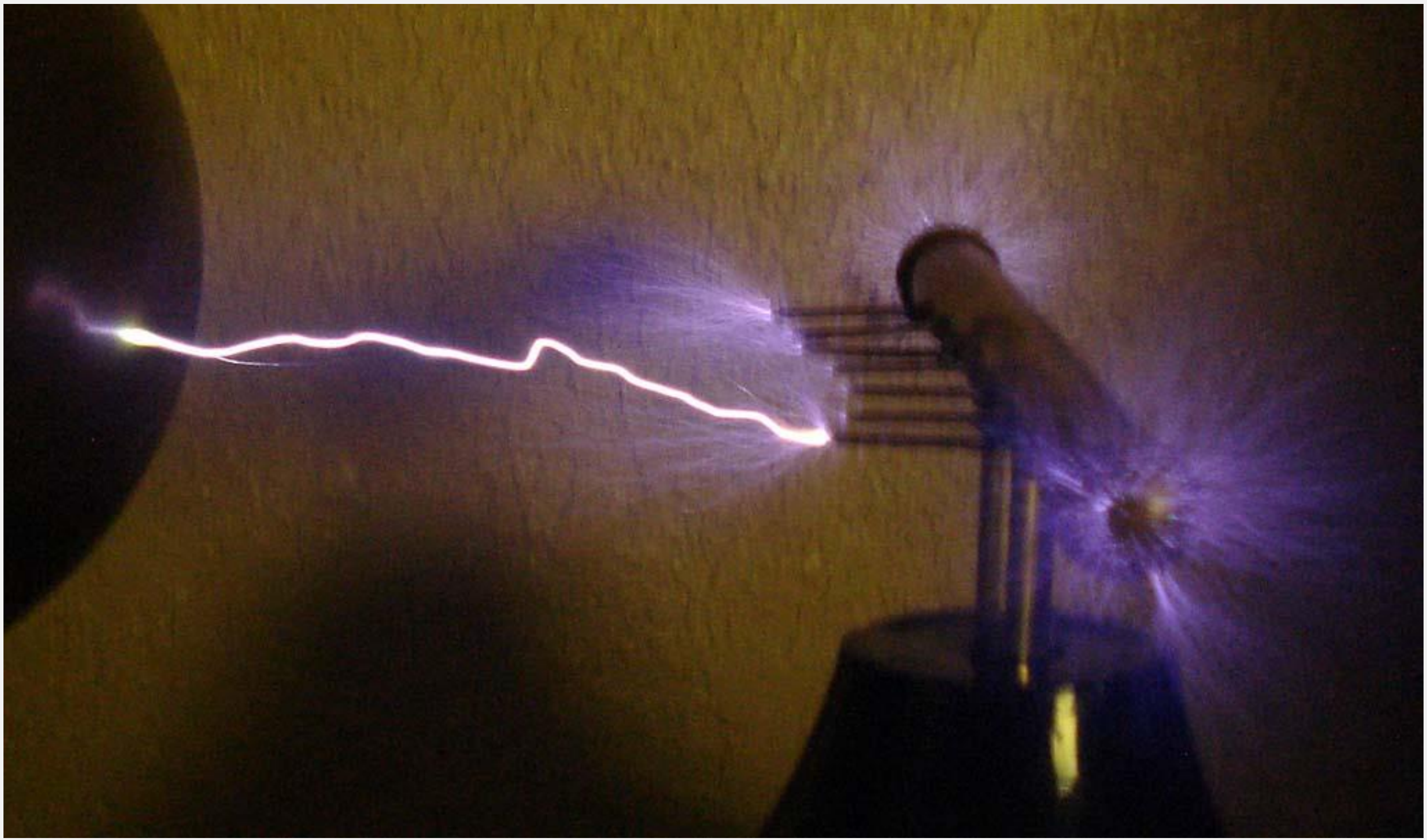
Violet Ray Coils

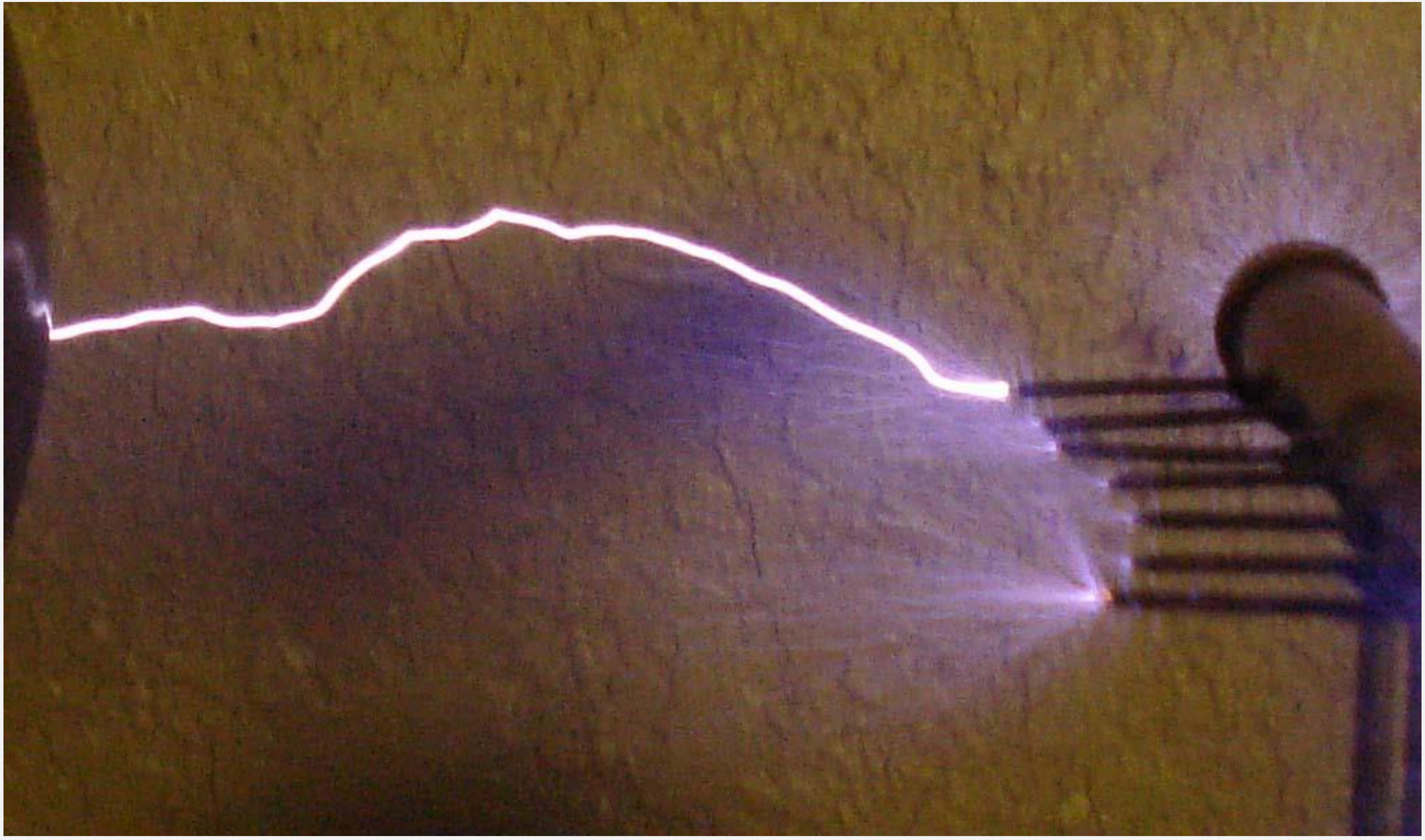

1.02
2.32
0.95
1.23
1.00
1.30
4.52
1.00
2.16
3.37
R0.03
1.02
0.95
1.00
1.23
R0.19
R0.25
1.32
R0.19
⌀0.25
0.05
1.00
0.02
1.00
0.03
0.07
CONFIDENTIAL
SIZE B
DWG. NO. Connection_To_Ground
REV
SCALE: 2:1
WEIGHT:
SHEET 1 OF 1

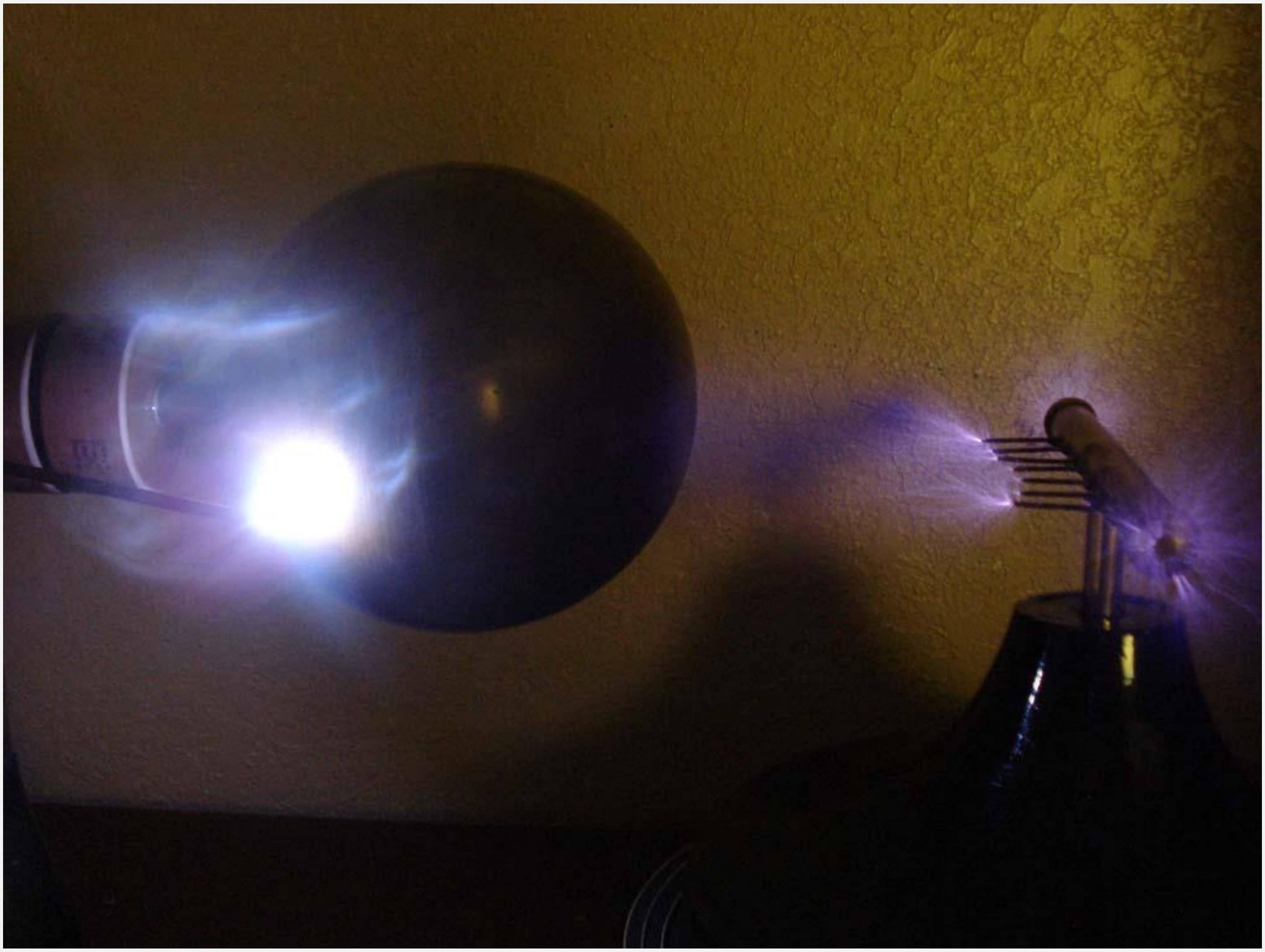

1.07
0.97
1.07
2.00
⌀0.25
0.94
1.00
R0.25
1.00
1.00

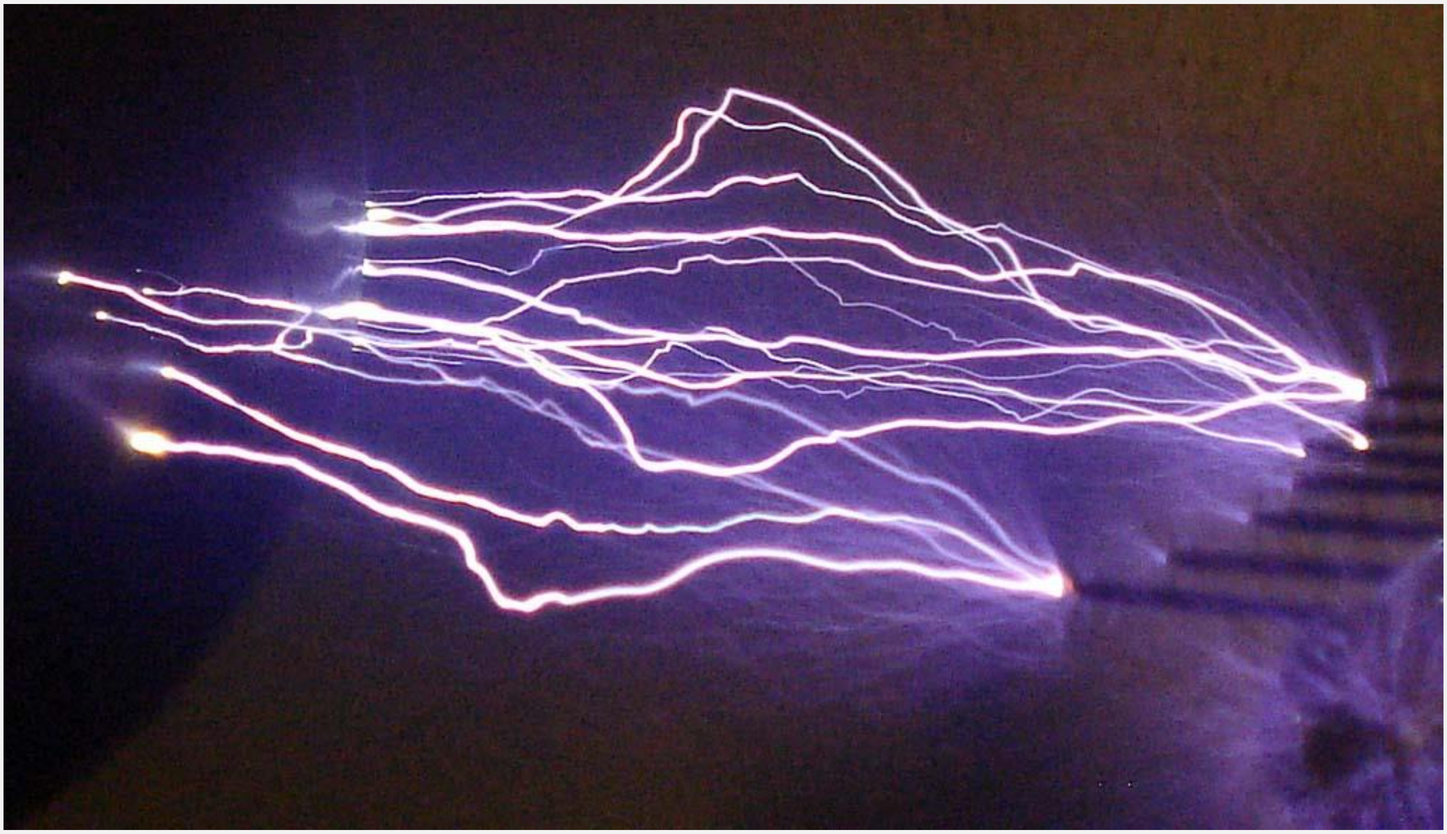


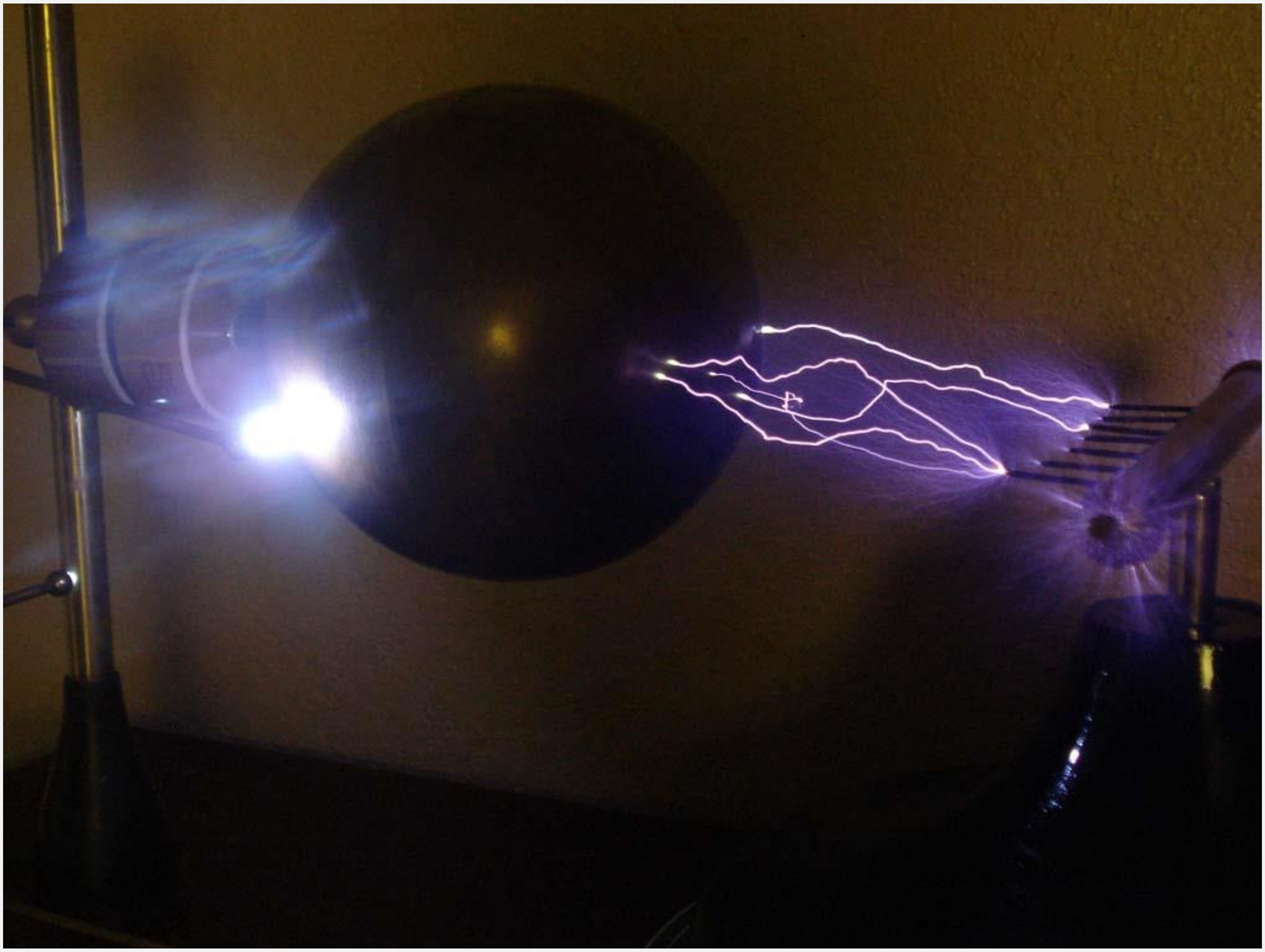


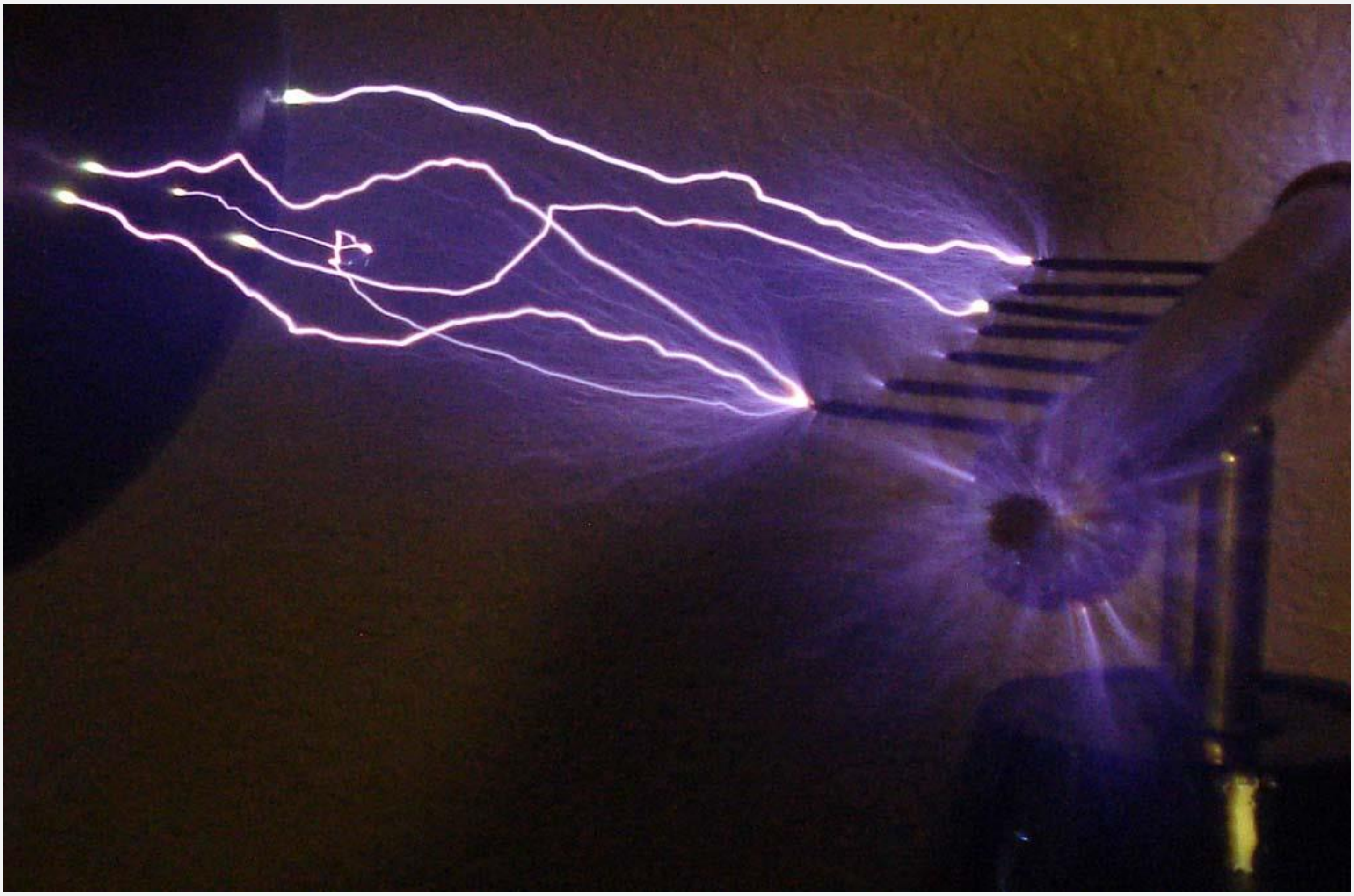


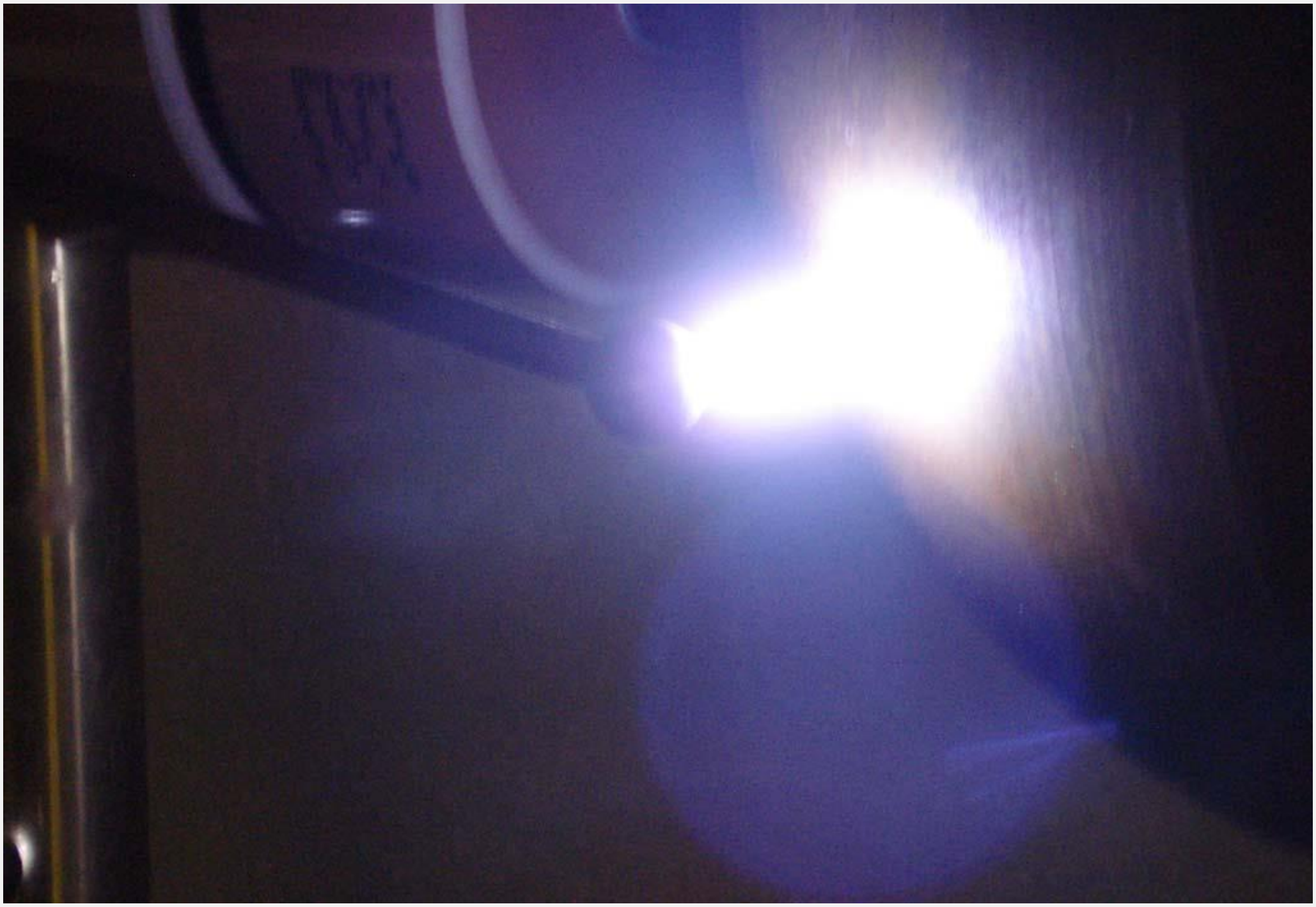


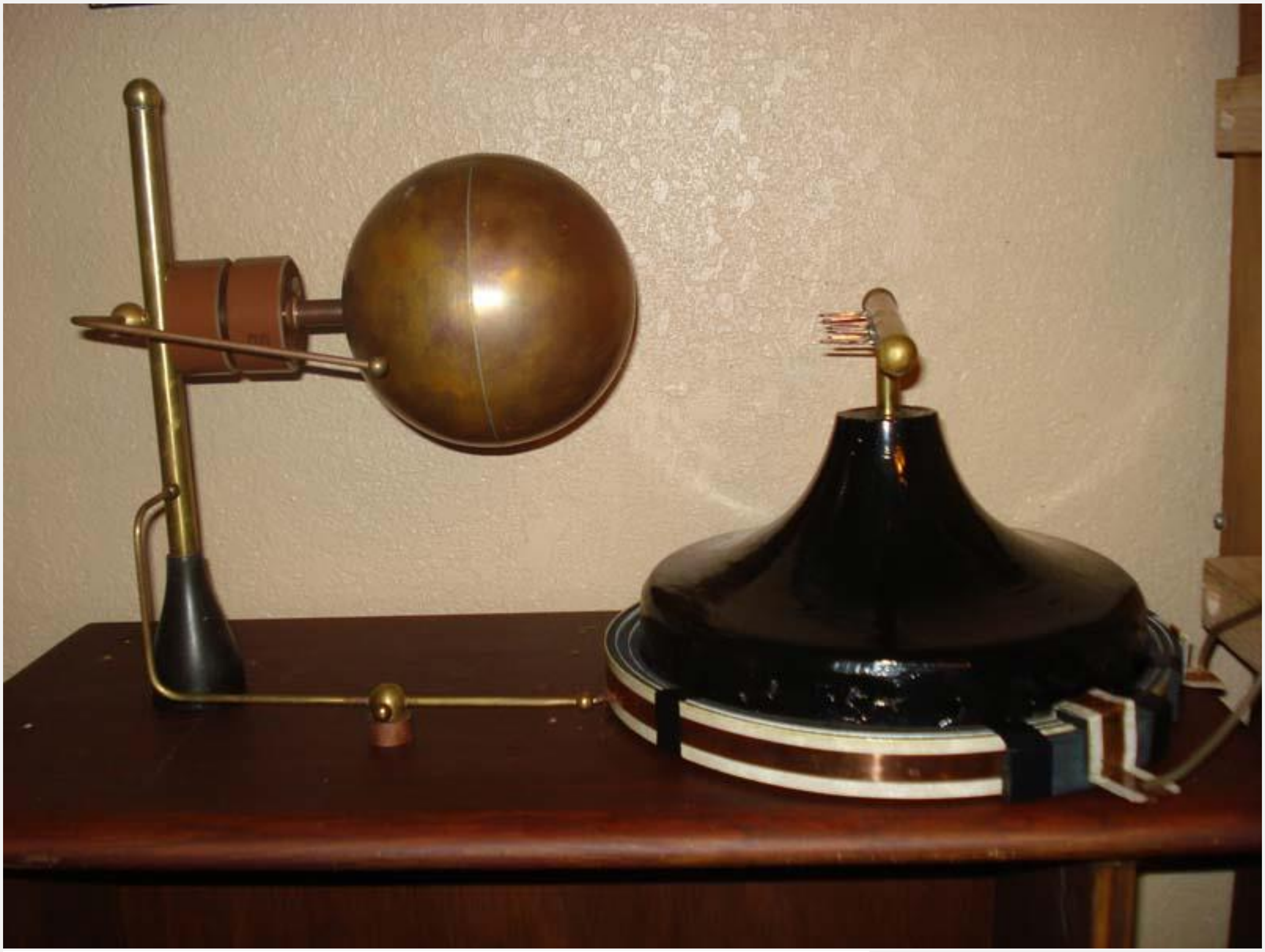


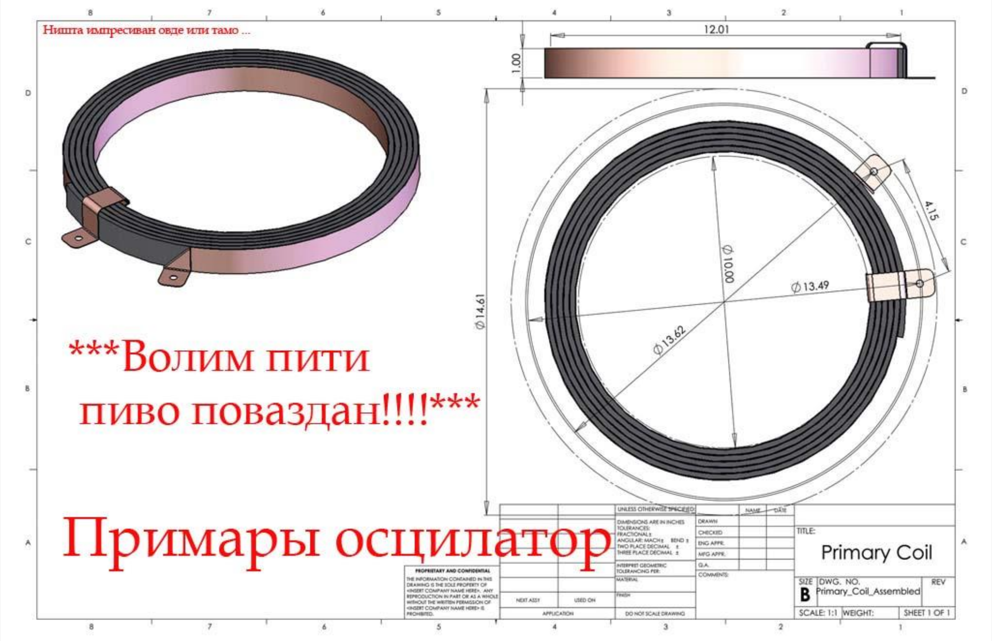


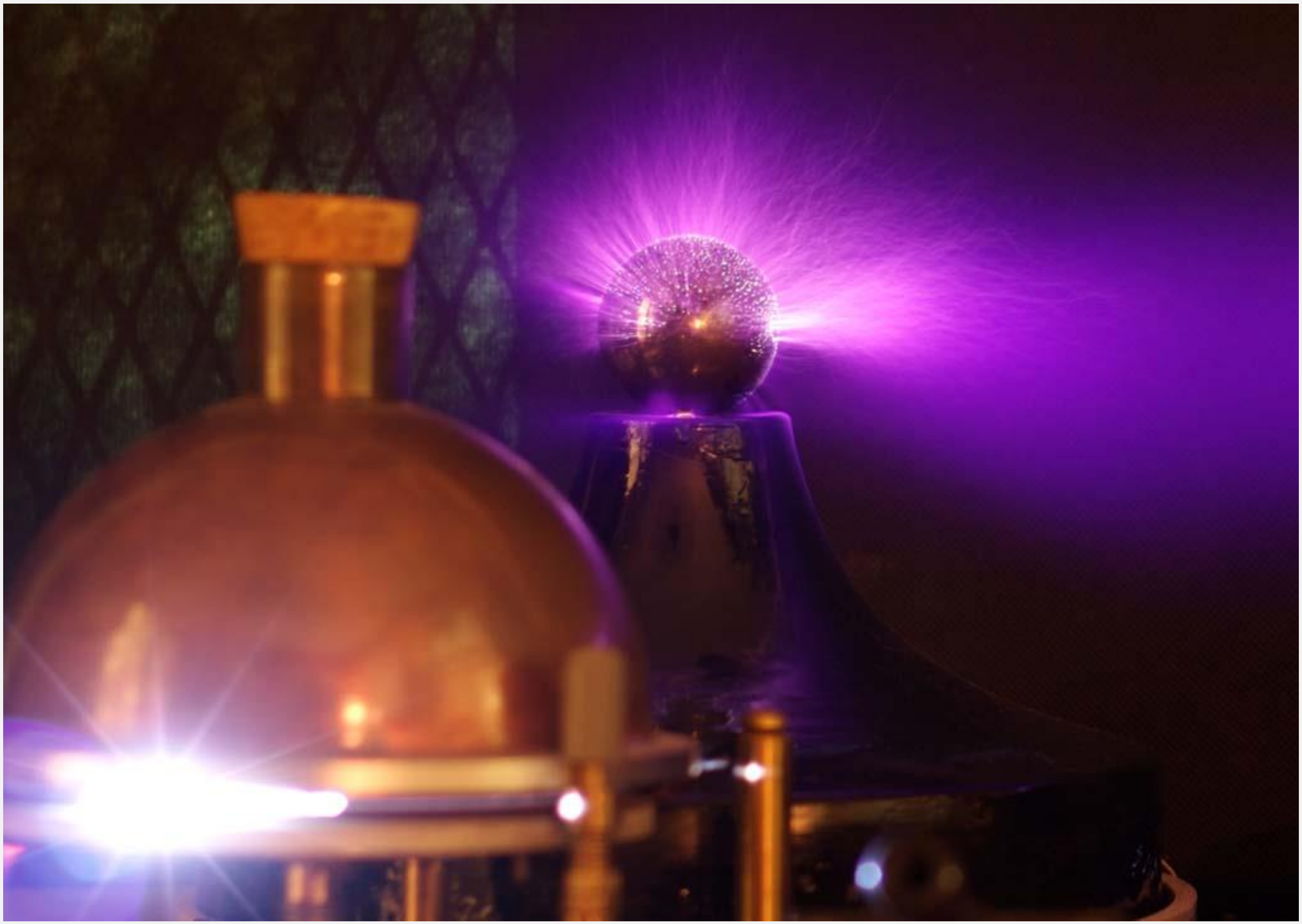


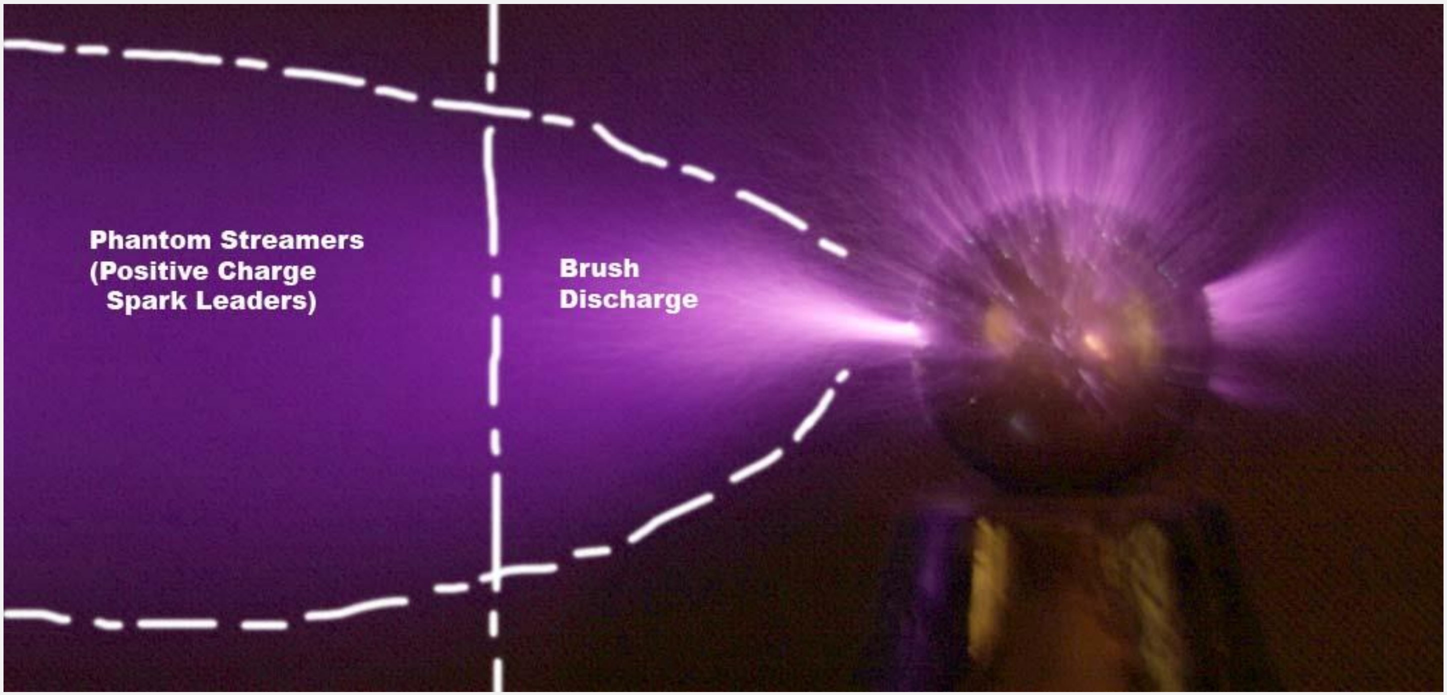


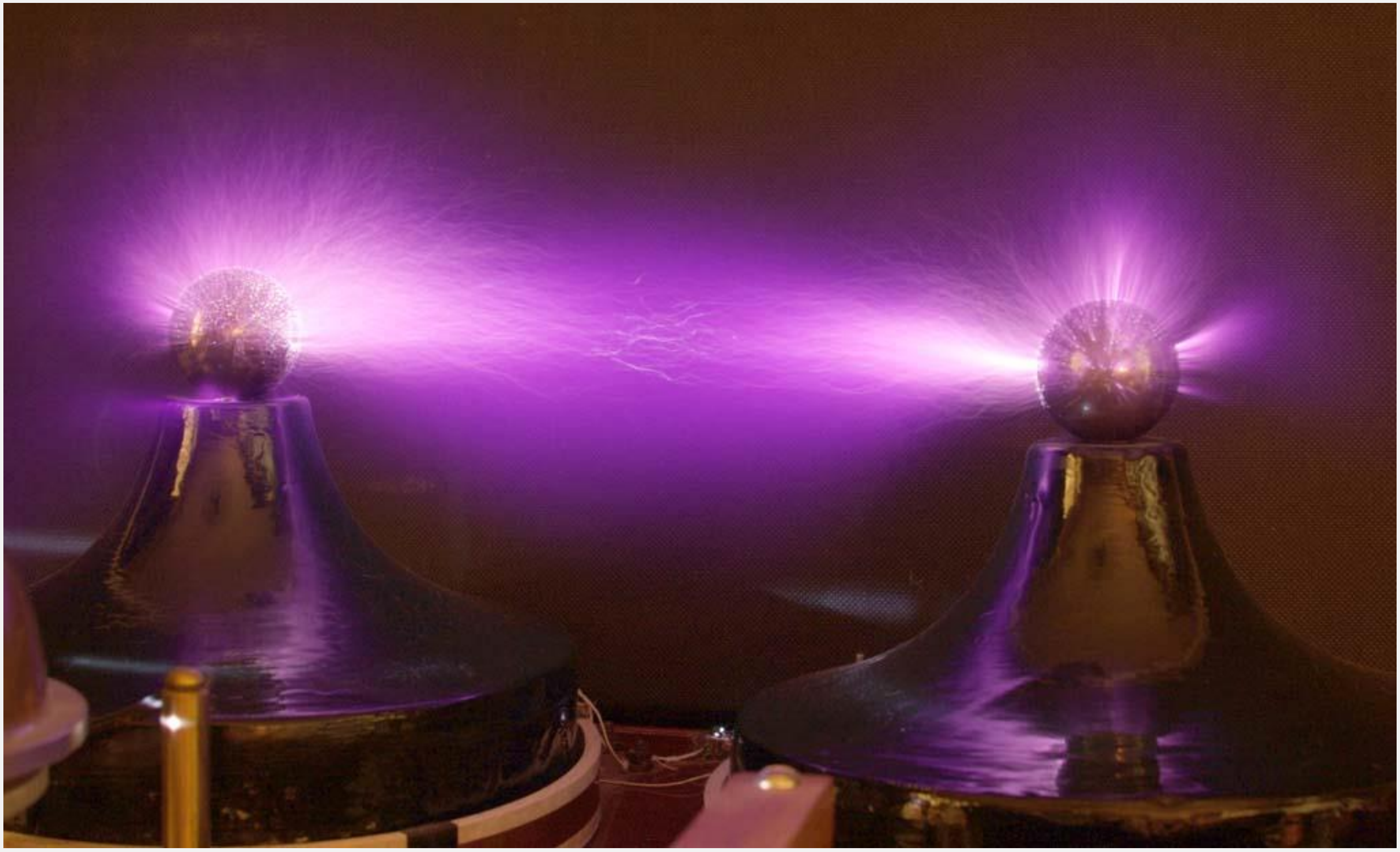


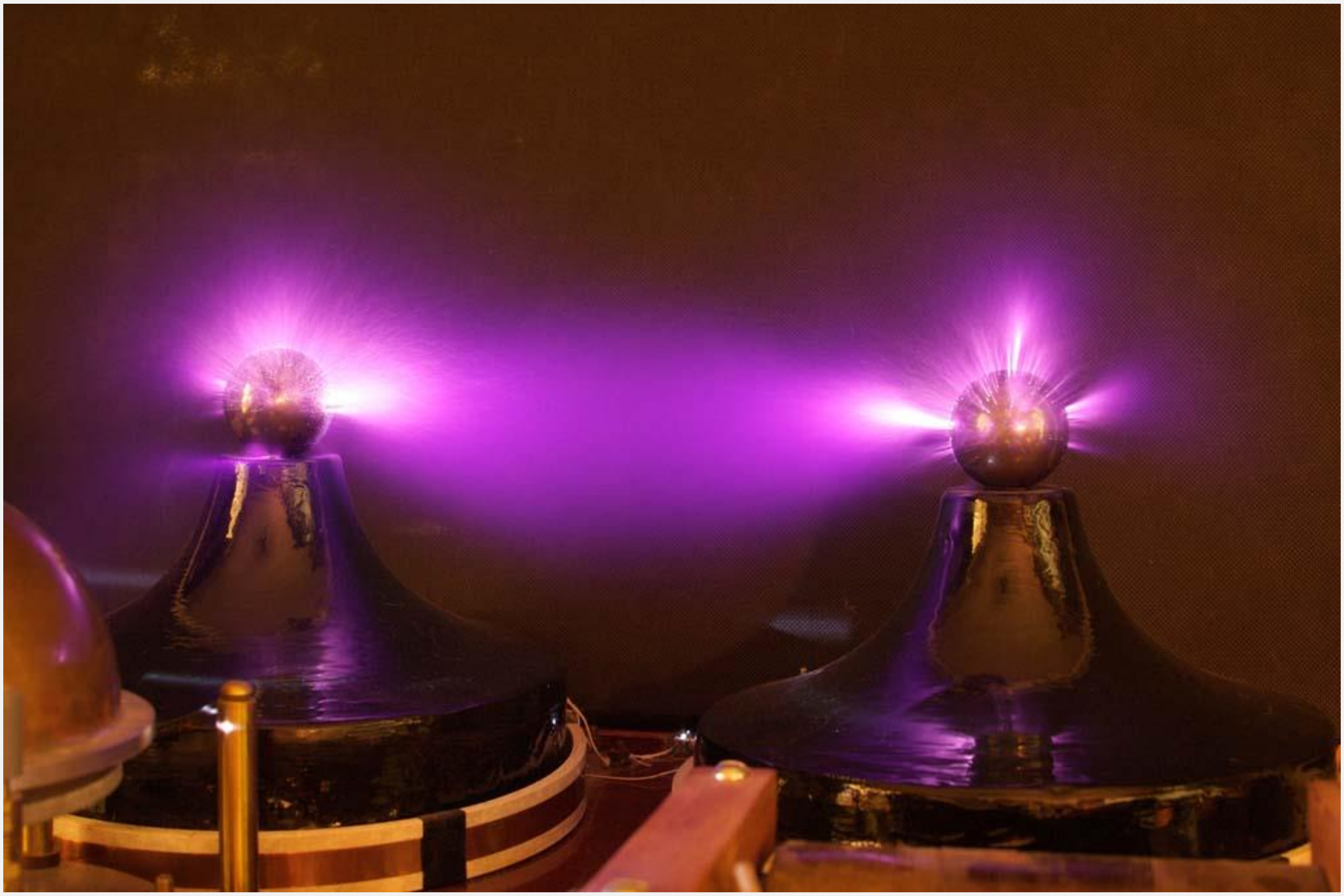


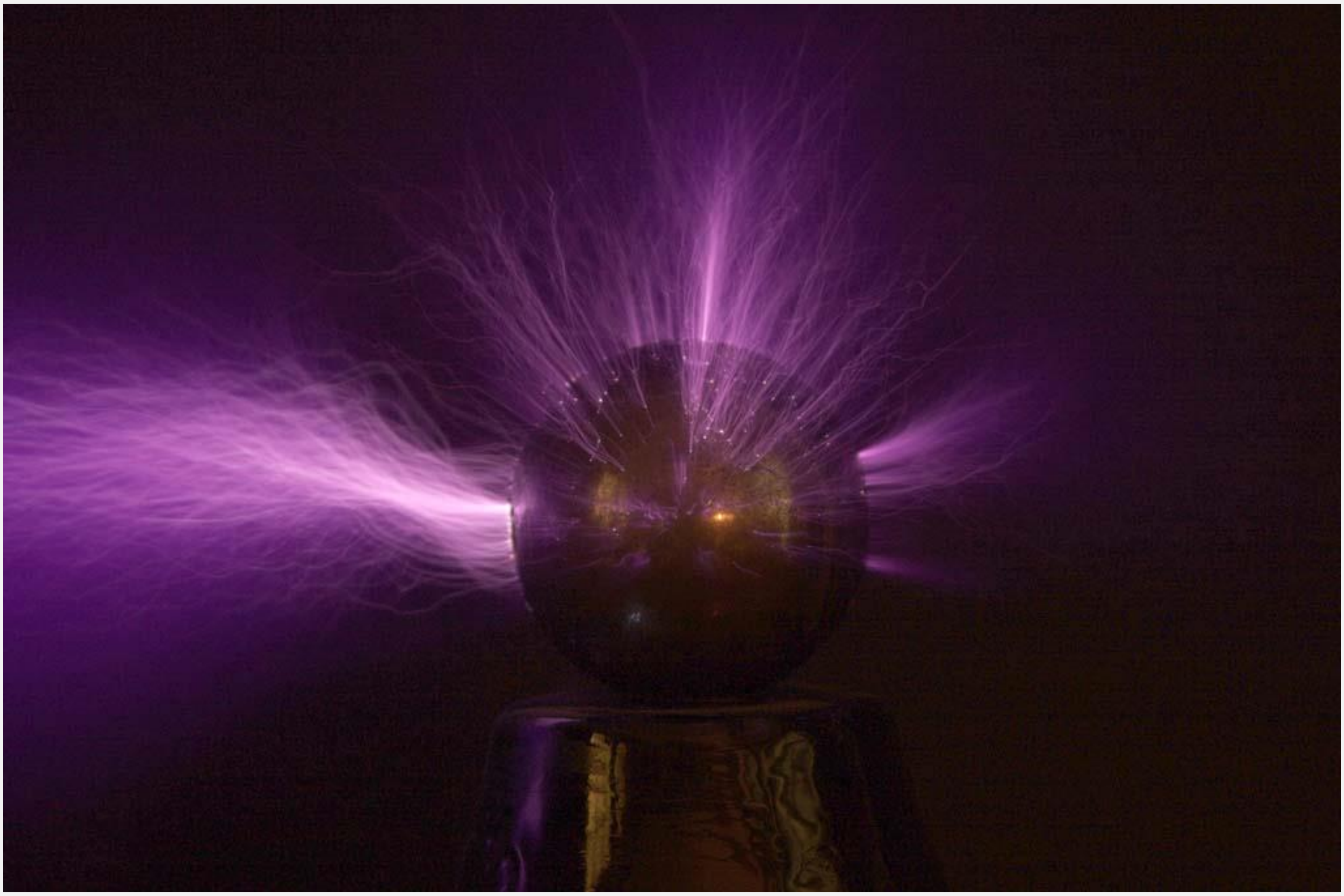

Ништа импресиван овде или тамо ...
***Волим пити
пиво поваздан!!!!***
Примары осцилатор
12.01
1.00
Ø 14.61
Ø 10.00
Ø 13.49
Ø 13.62
4.15
TITLE:
Primary Coil
SIZE B
DWG. NO. Primary_Coil_Assembled
REV
SCALE: 1:1
WEIGHT:
SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DRAWN
CHECKED
ENG APPR.
MFG APPR.
Q.A.
COMMENTS:
PROPRIETARY AND CONFIDENTIAL
NEXT ASSY
USED ON
APPLICATION
DO NOT SCALE DRAWING

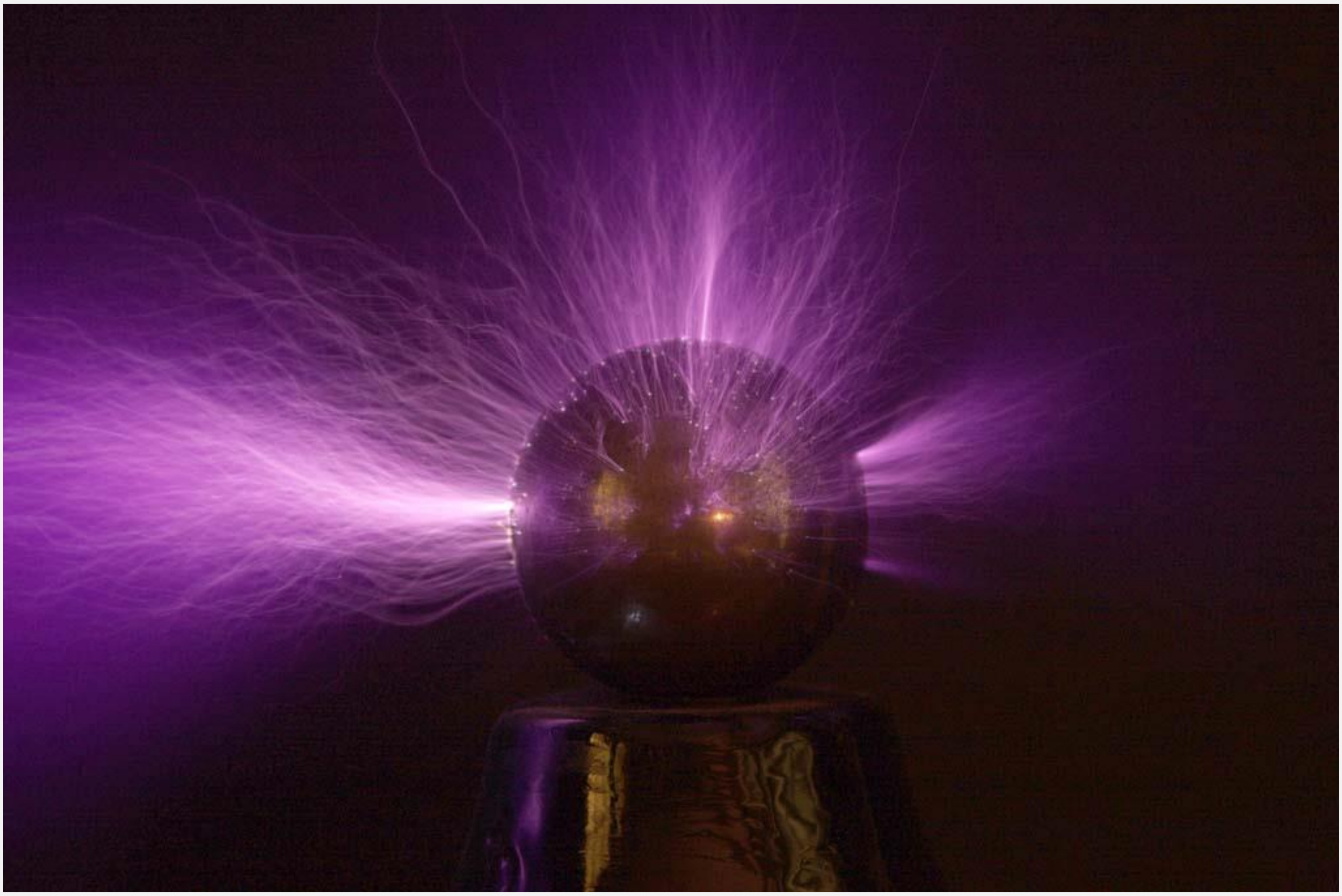


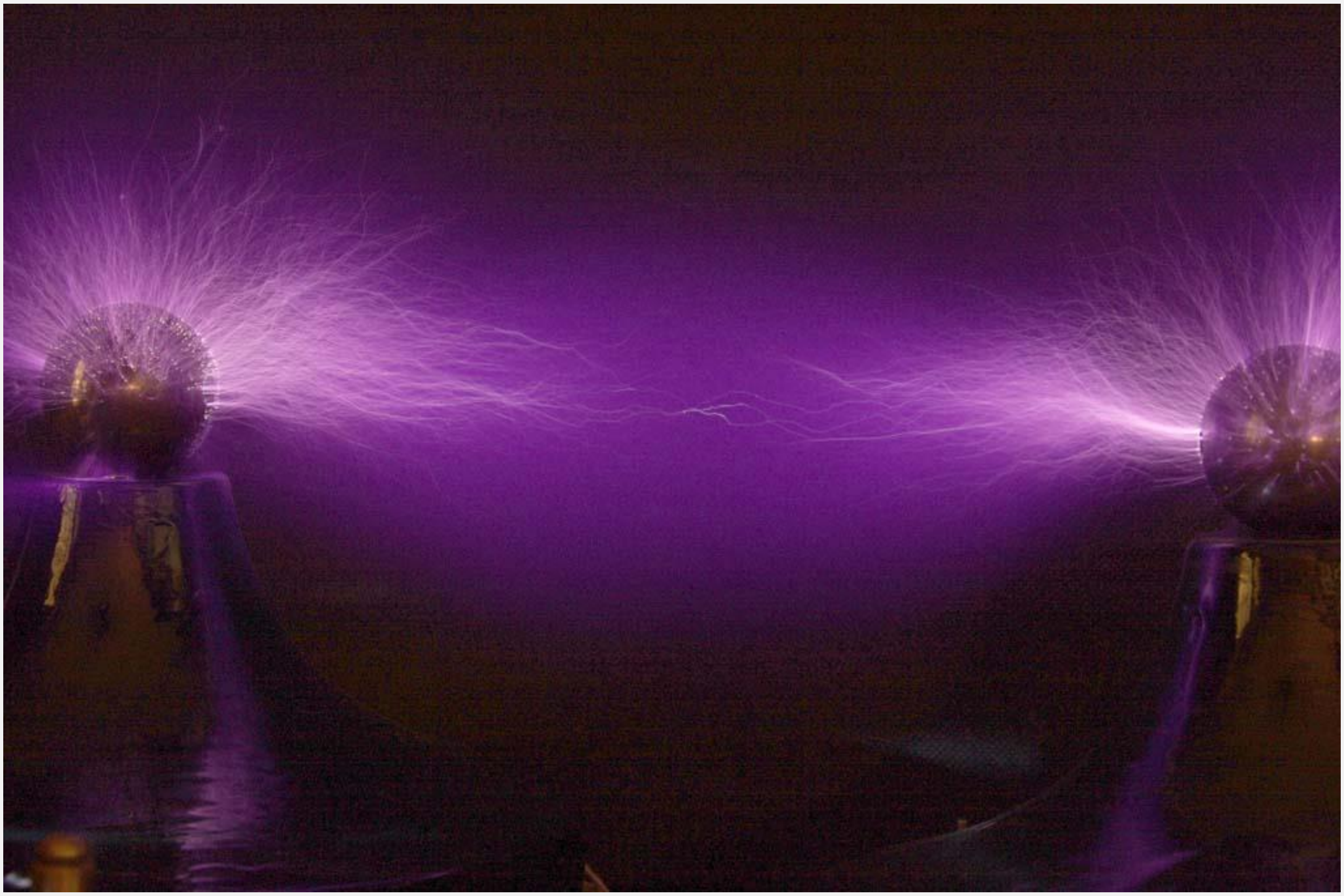

Phantom Streamers
(Positive Charge
Spark Leaders)
Brush
Discharge

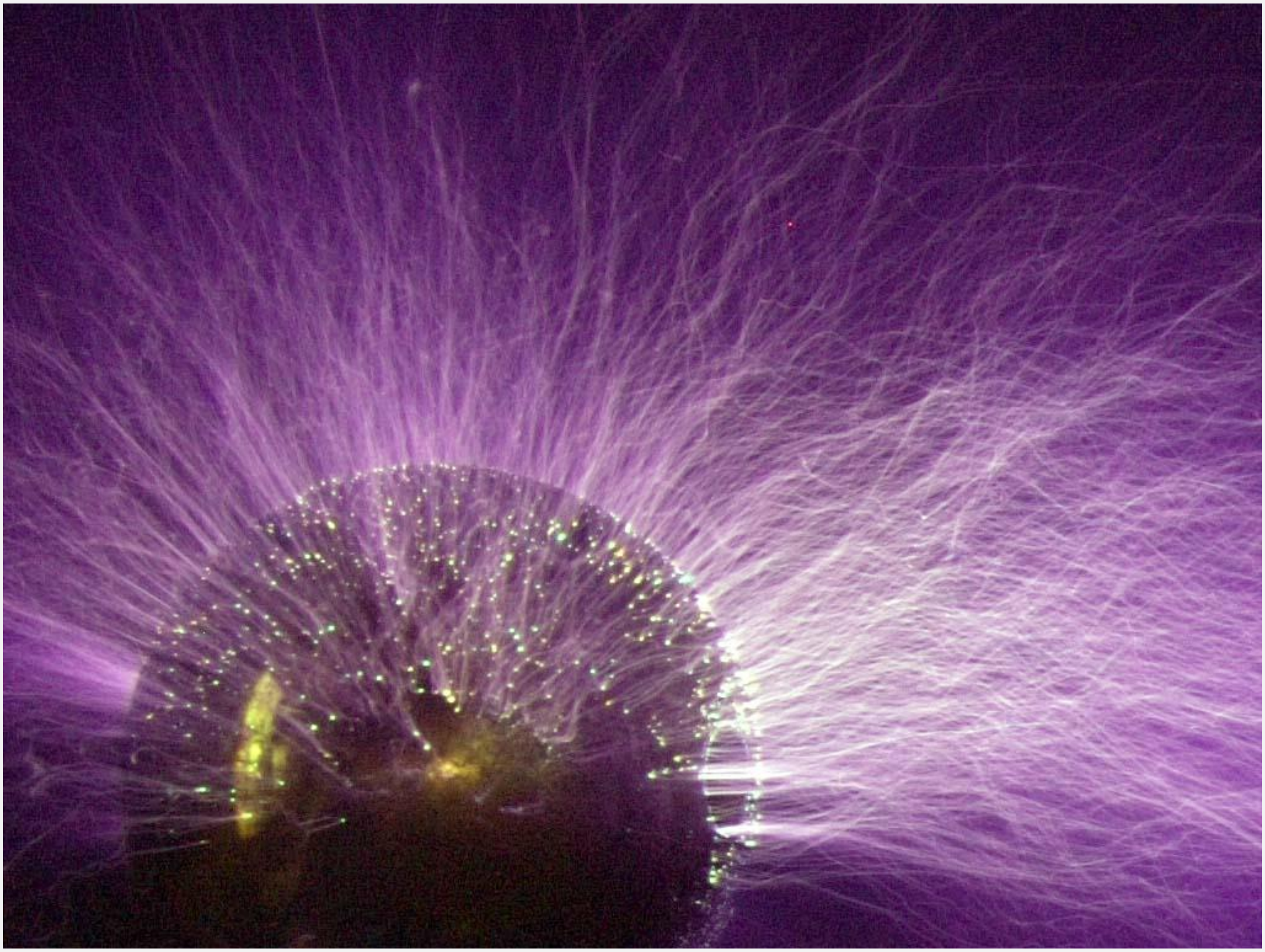


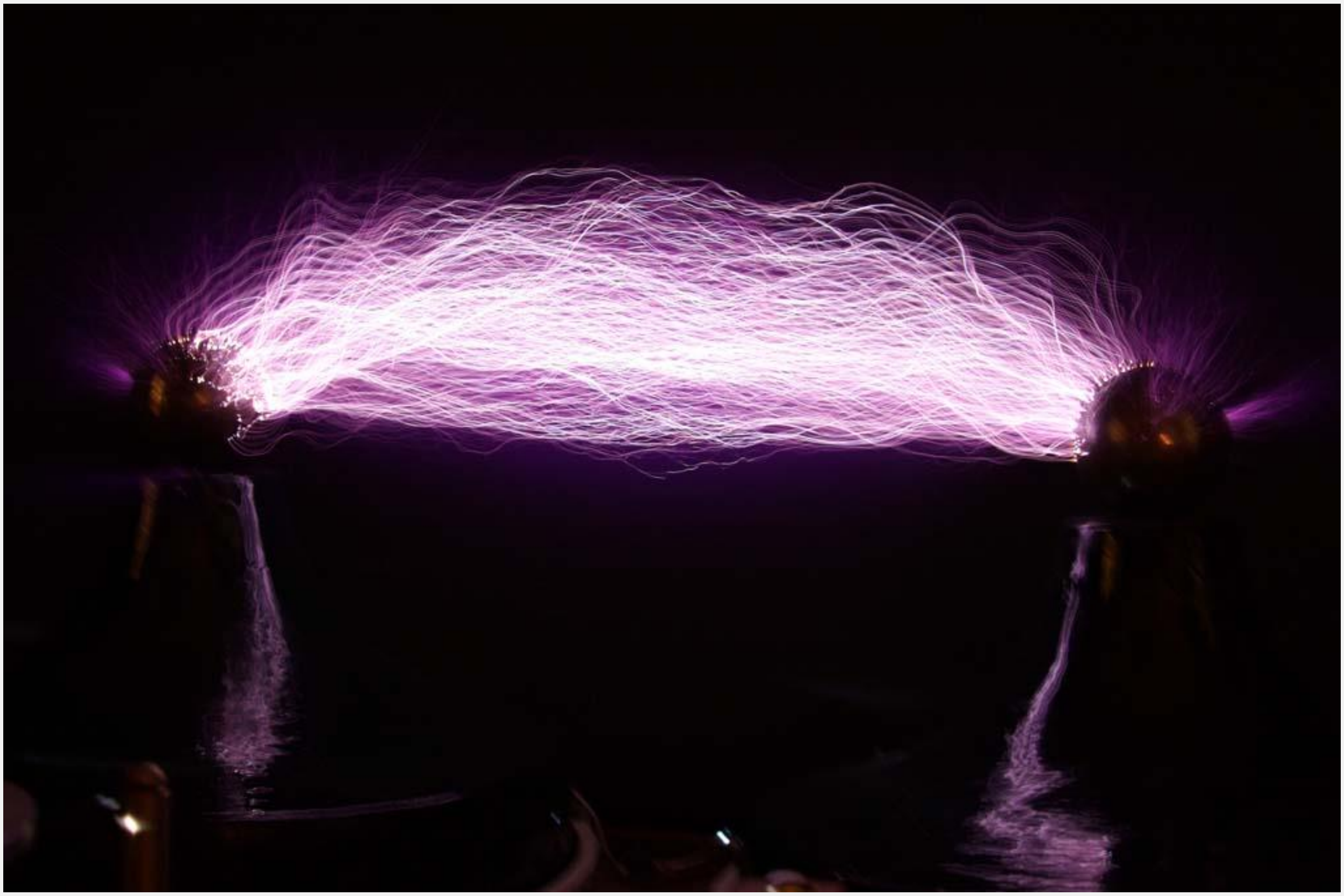


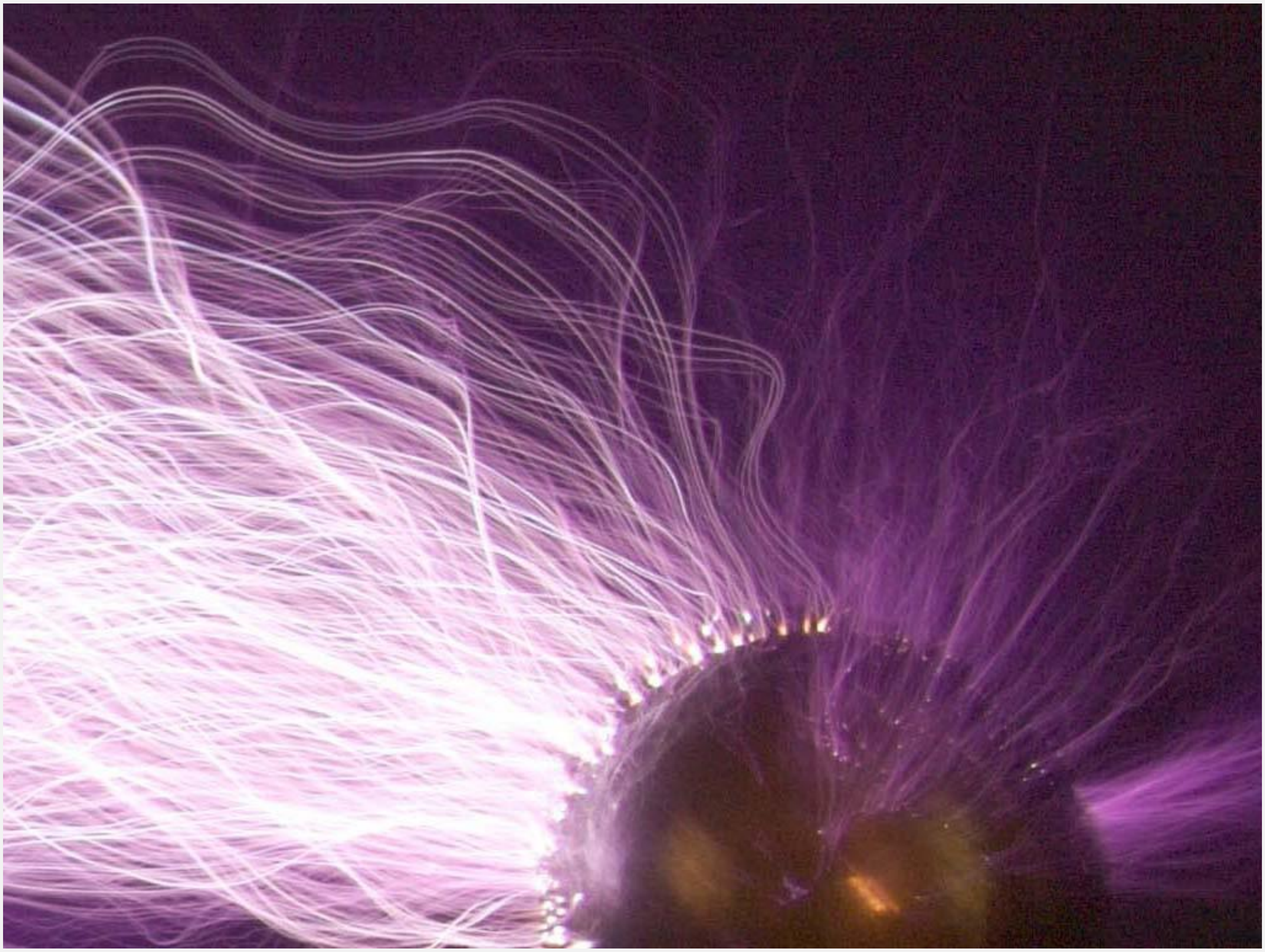


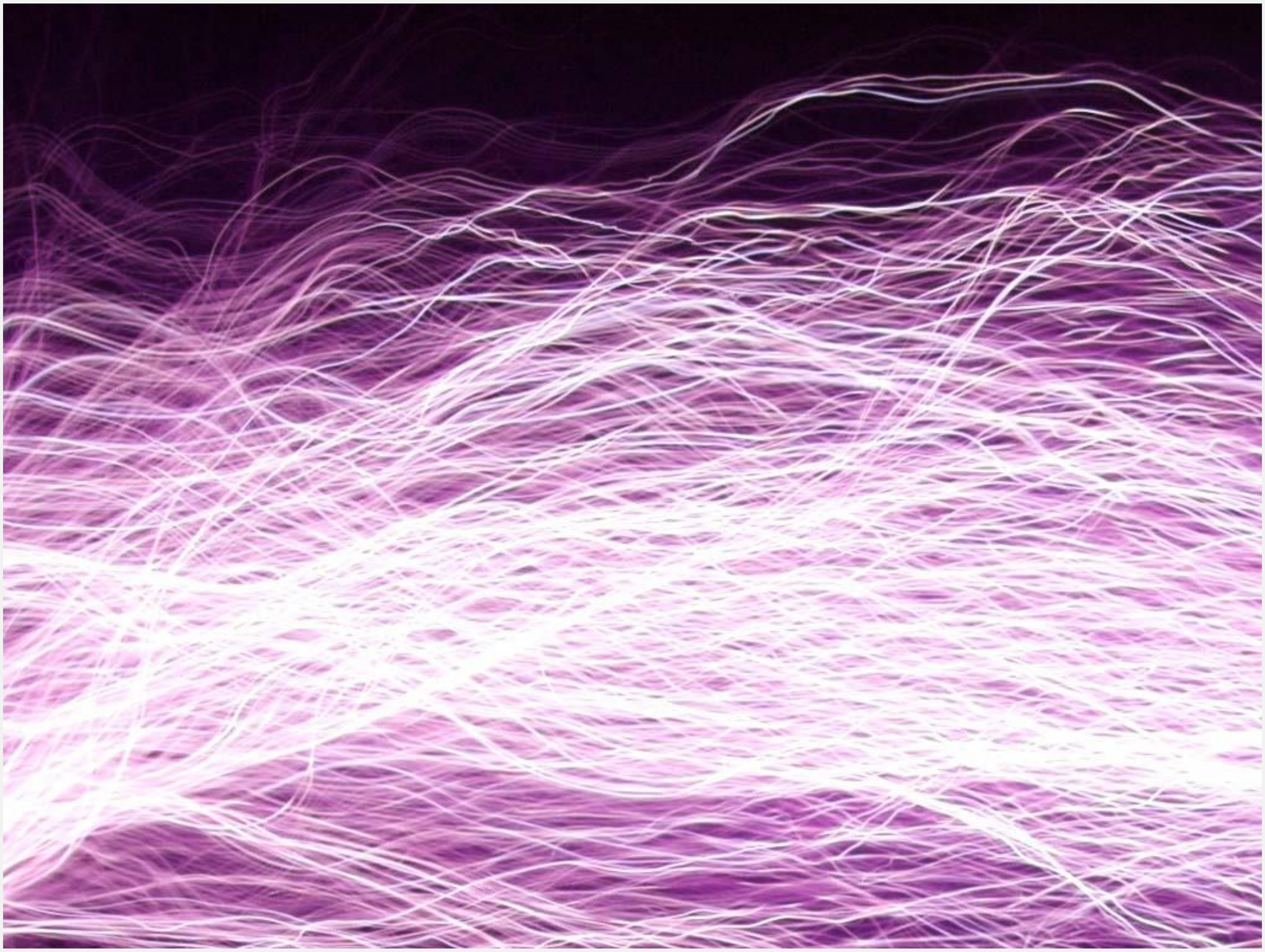


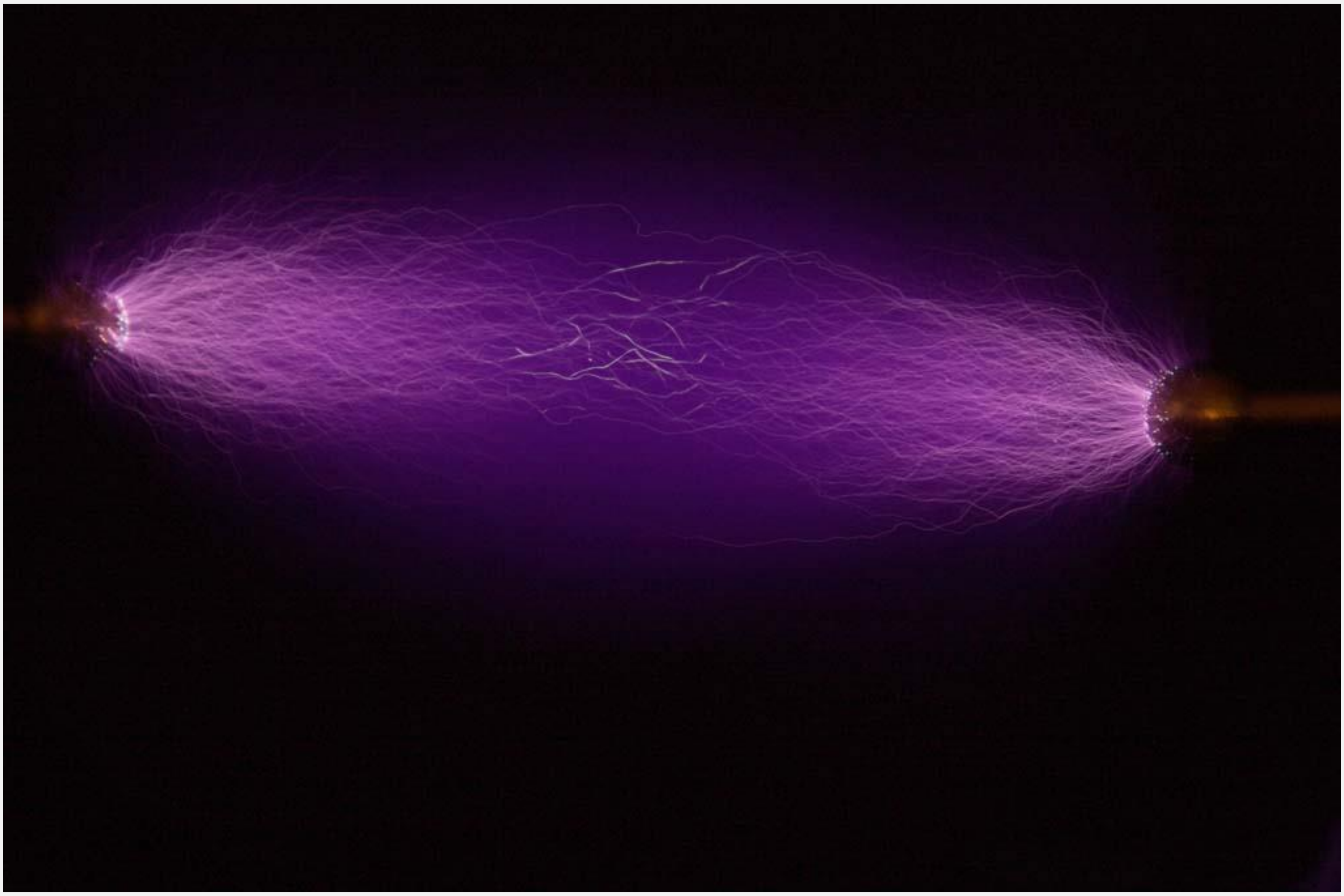


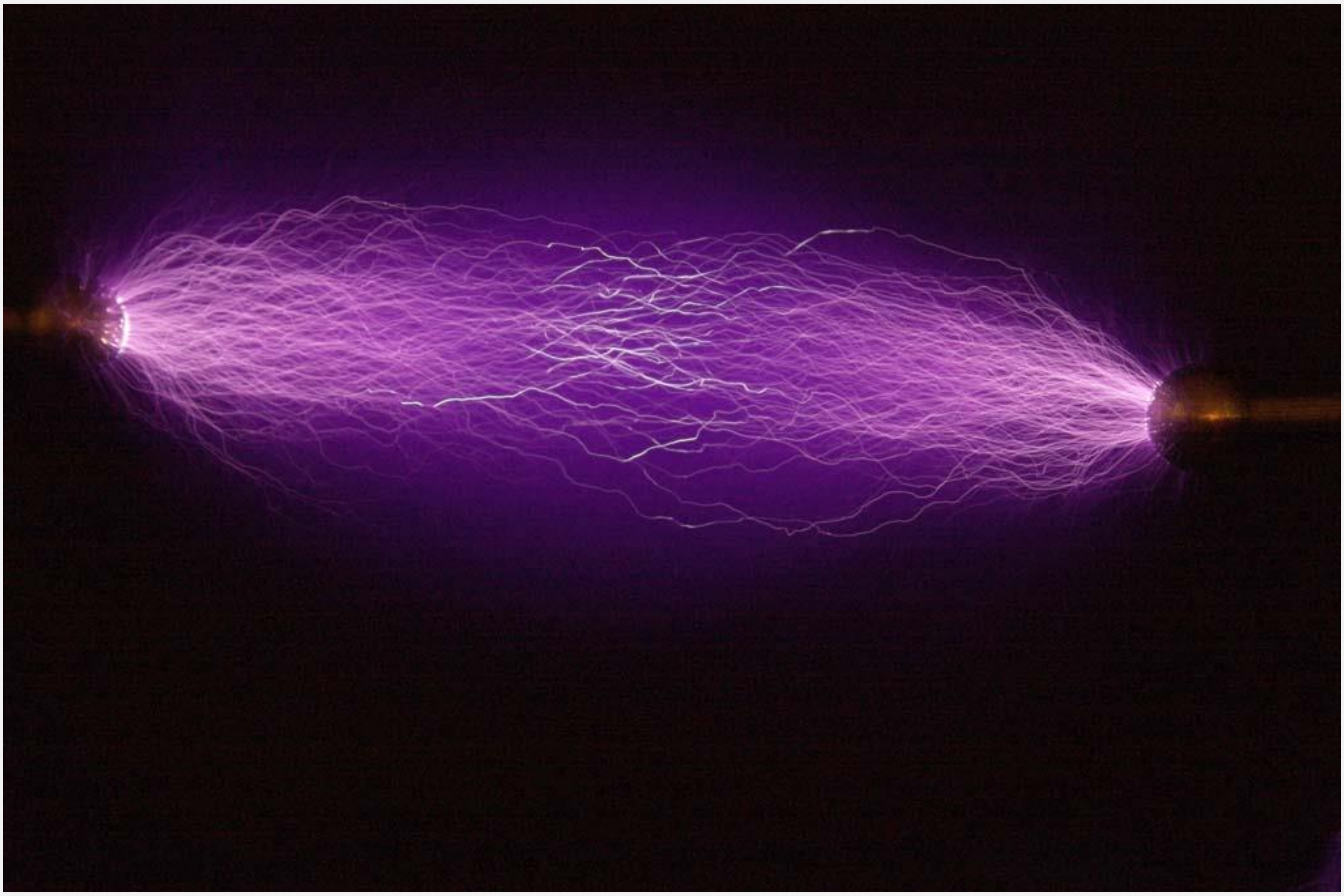


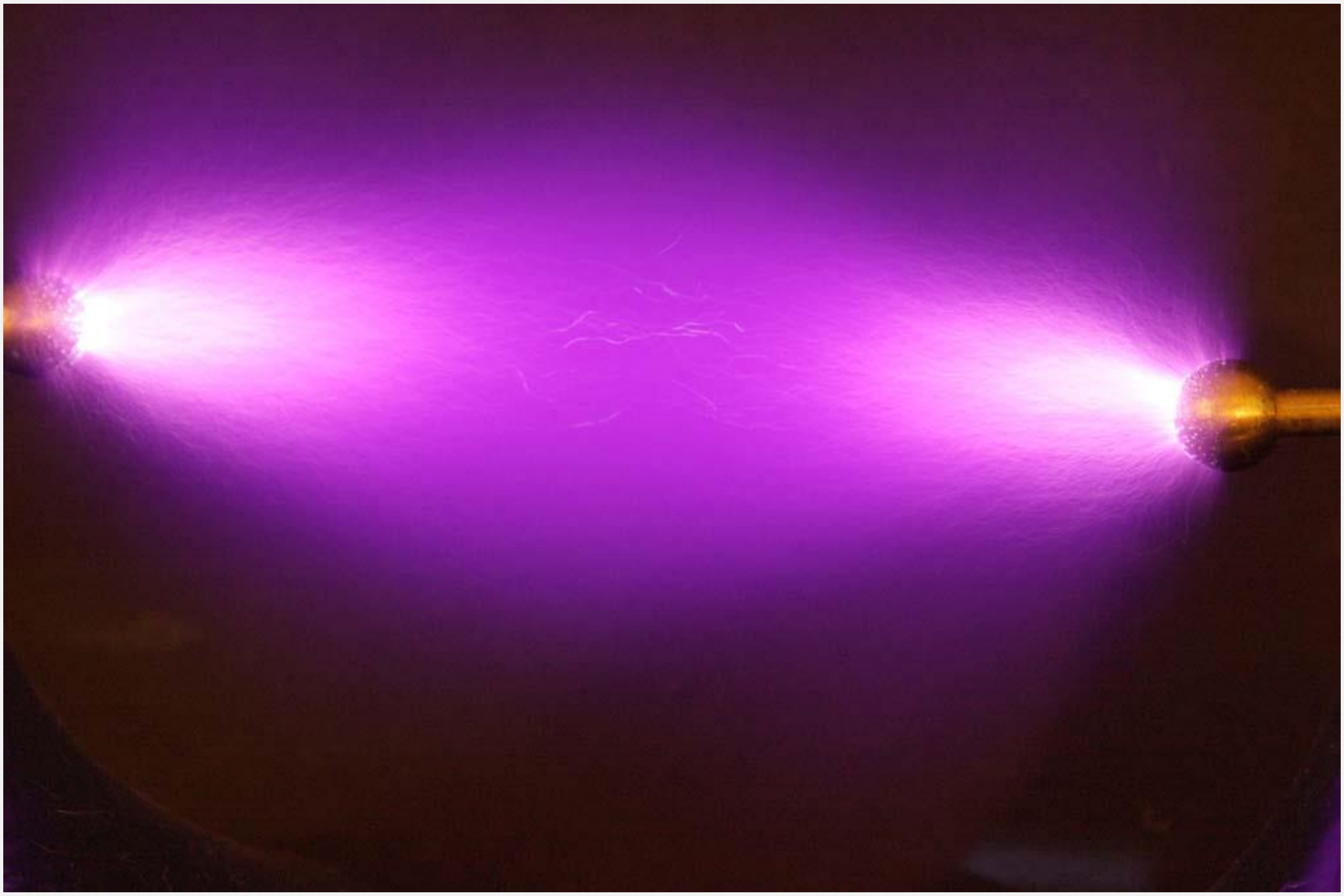


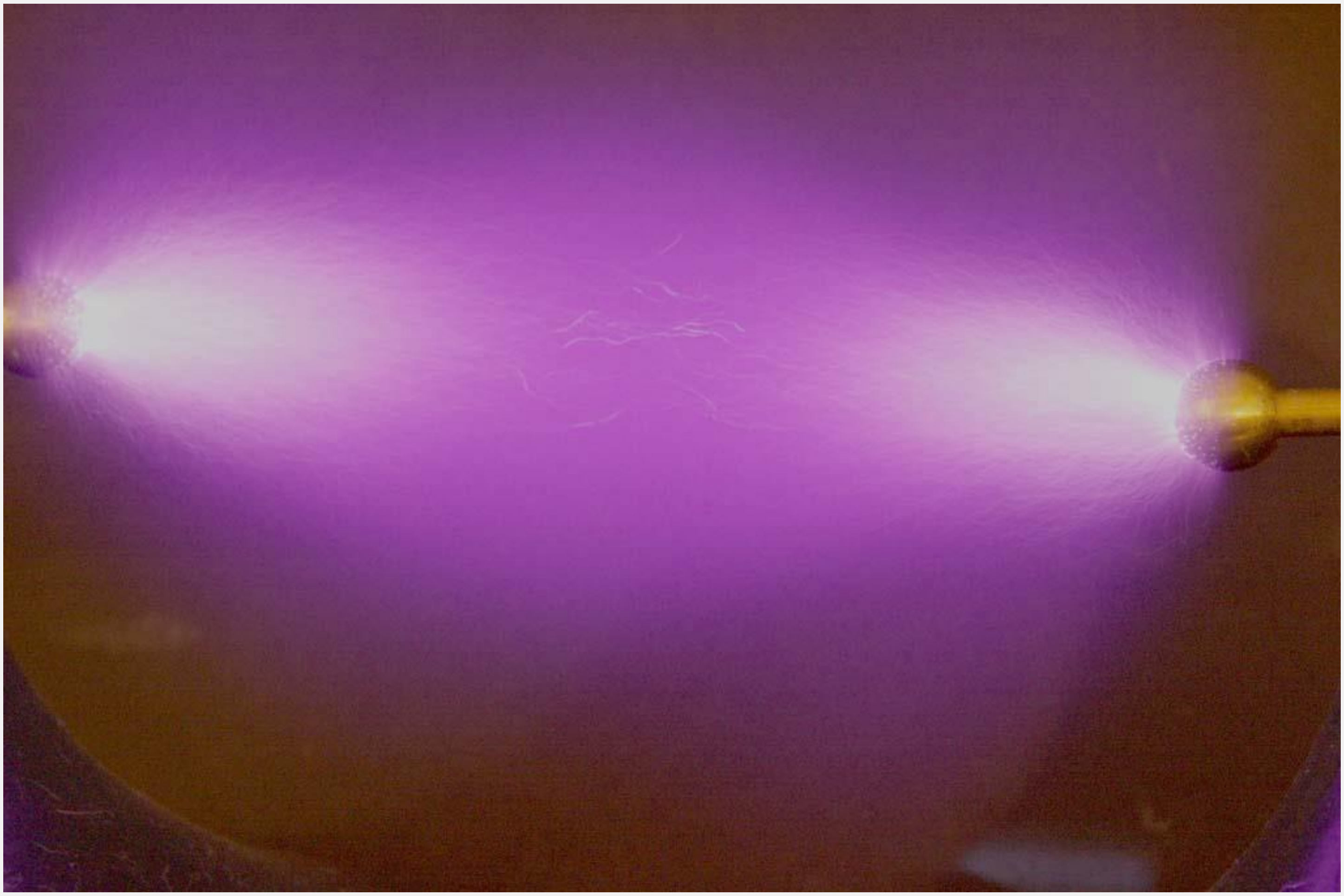


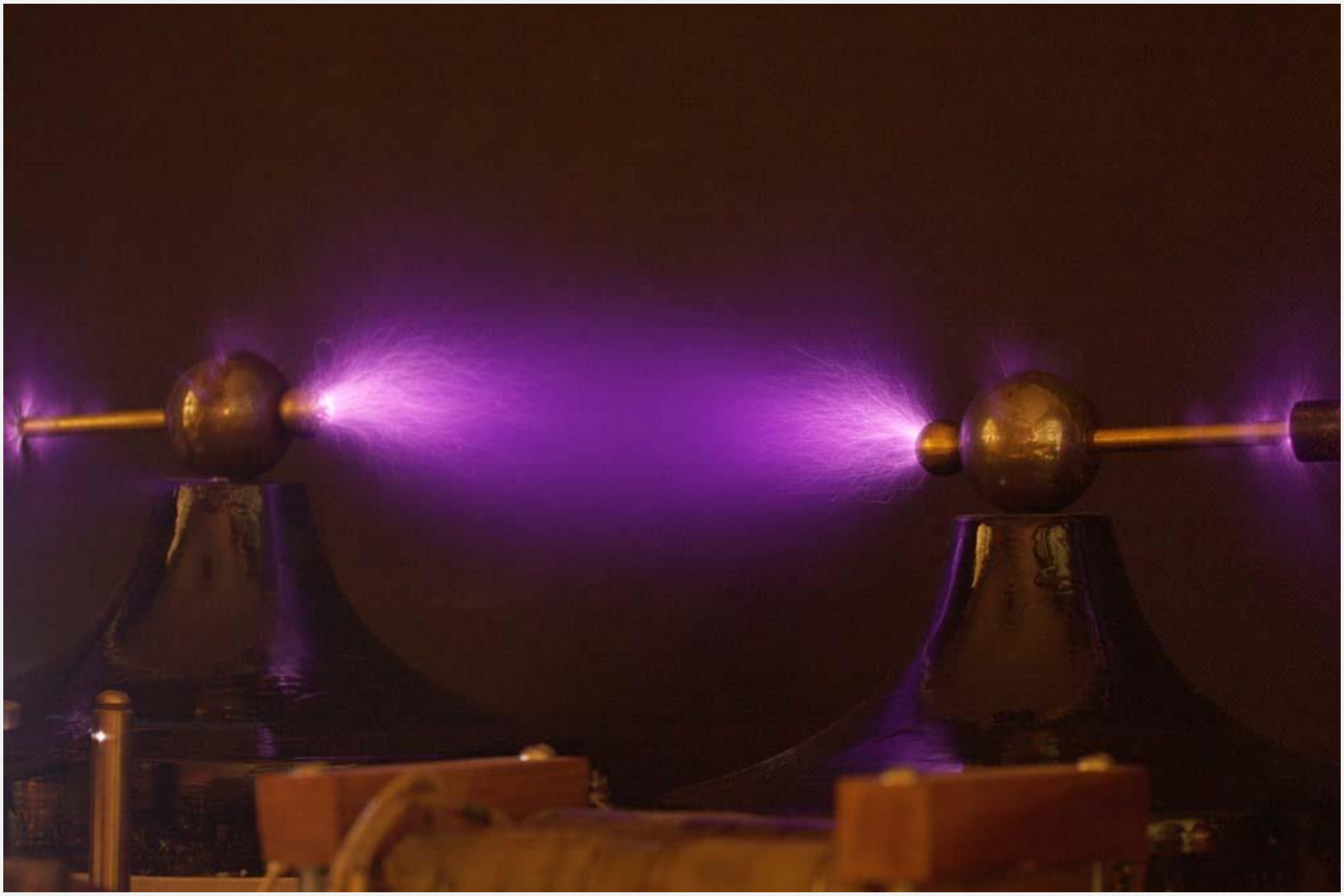


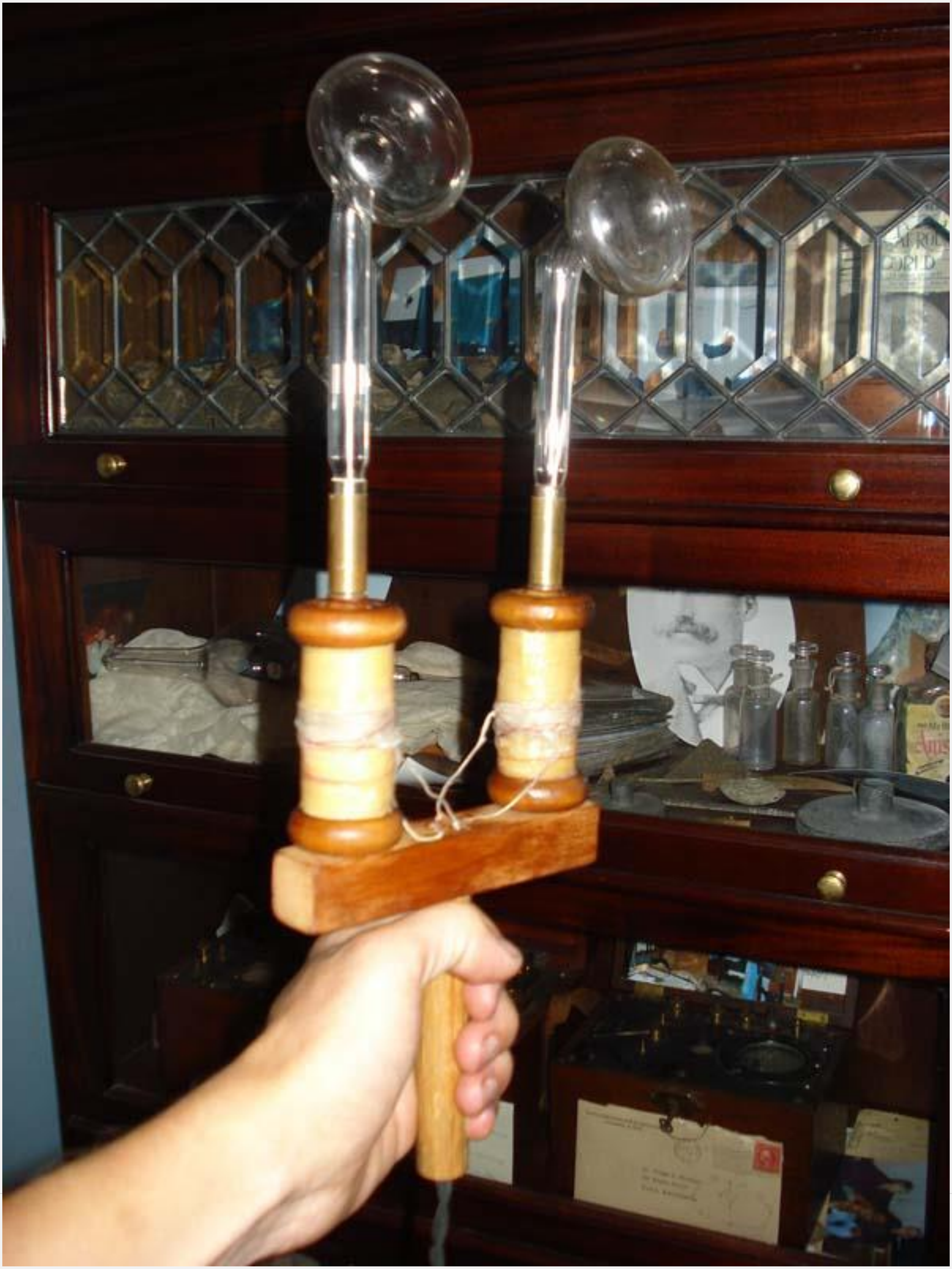


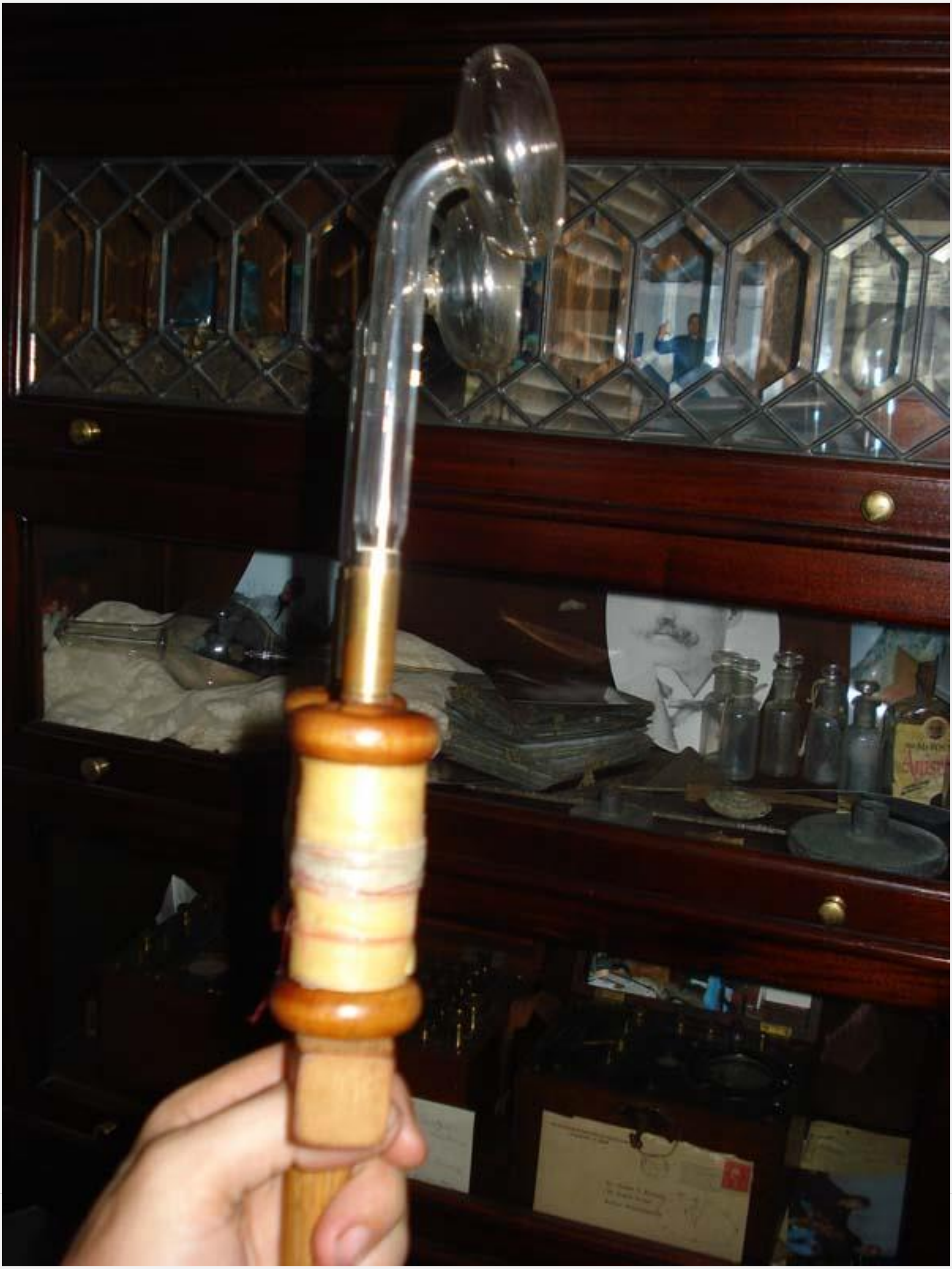


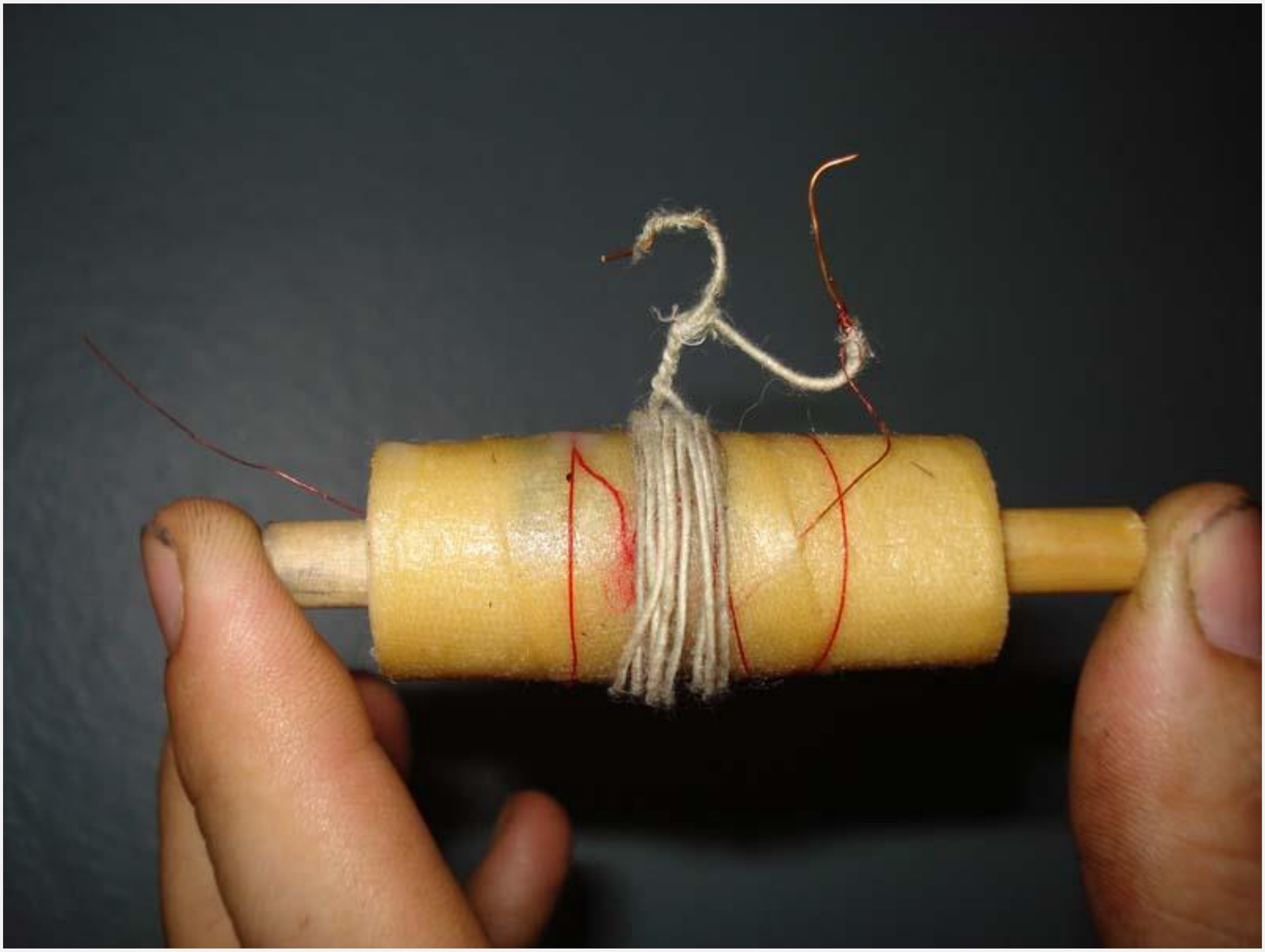


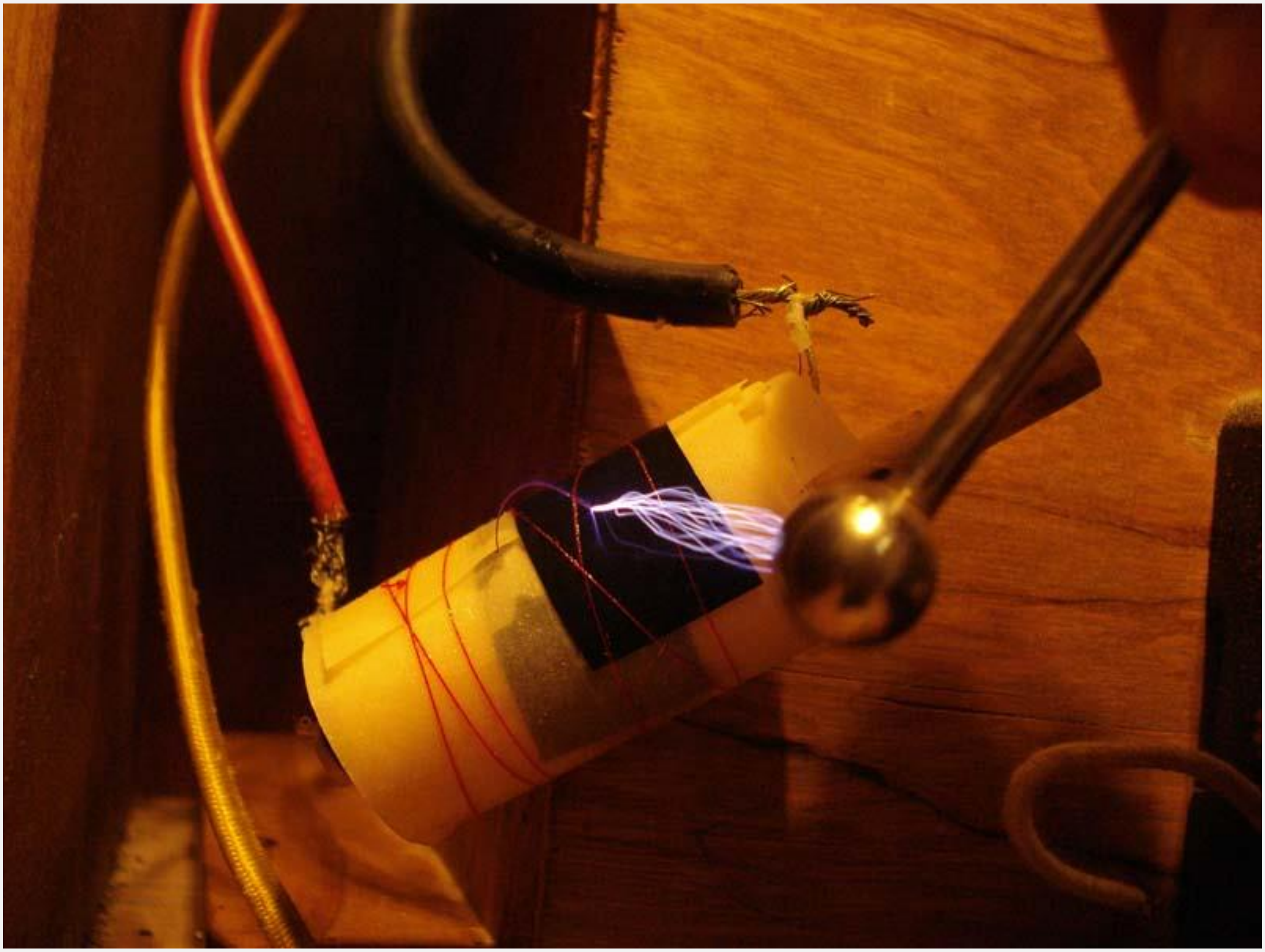


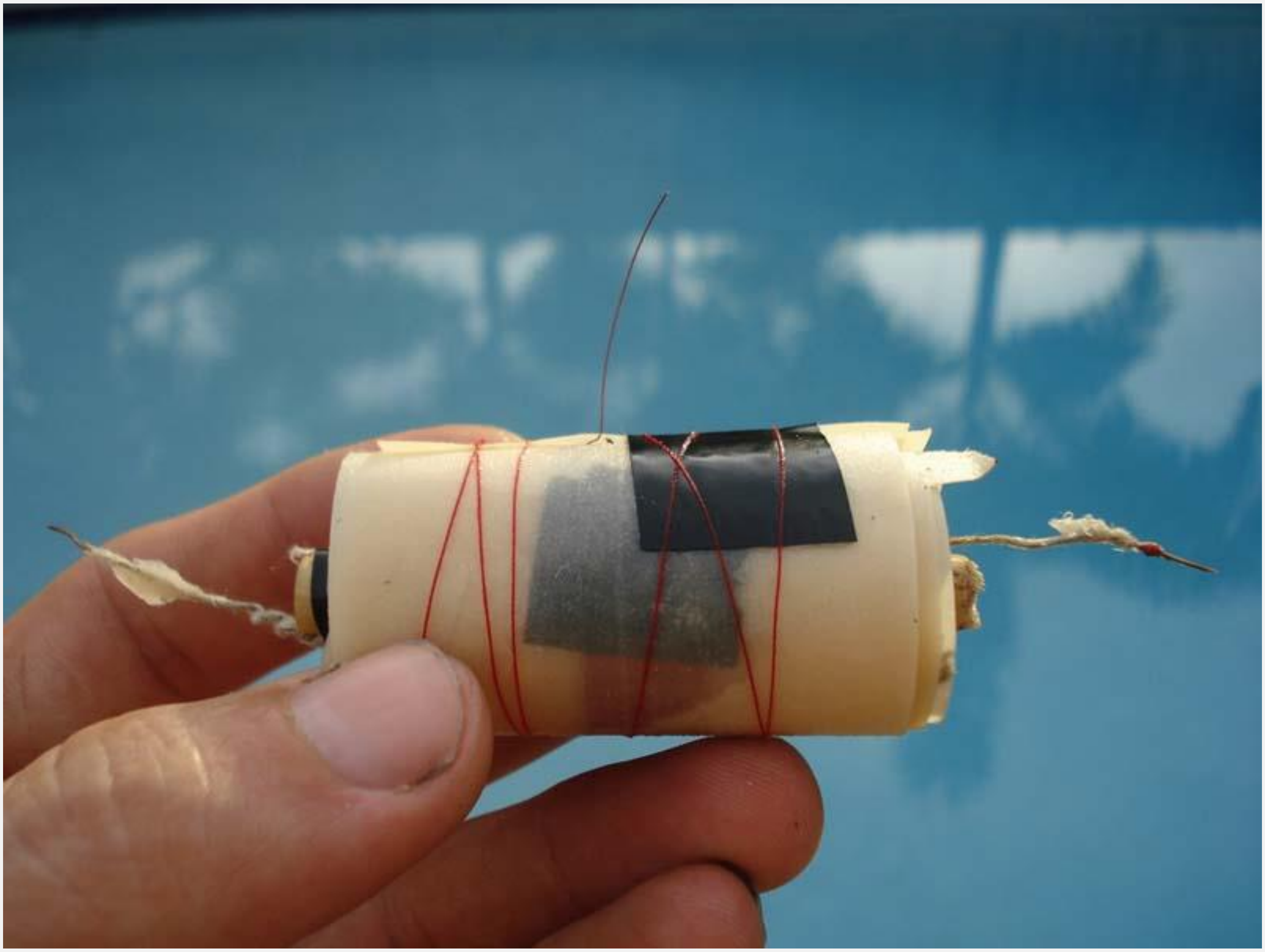


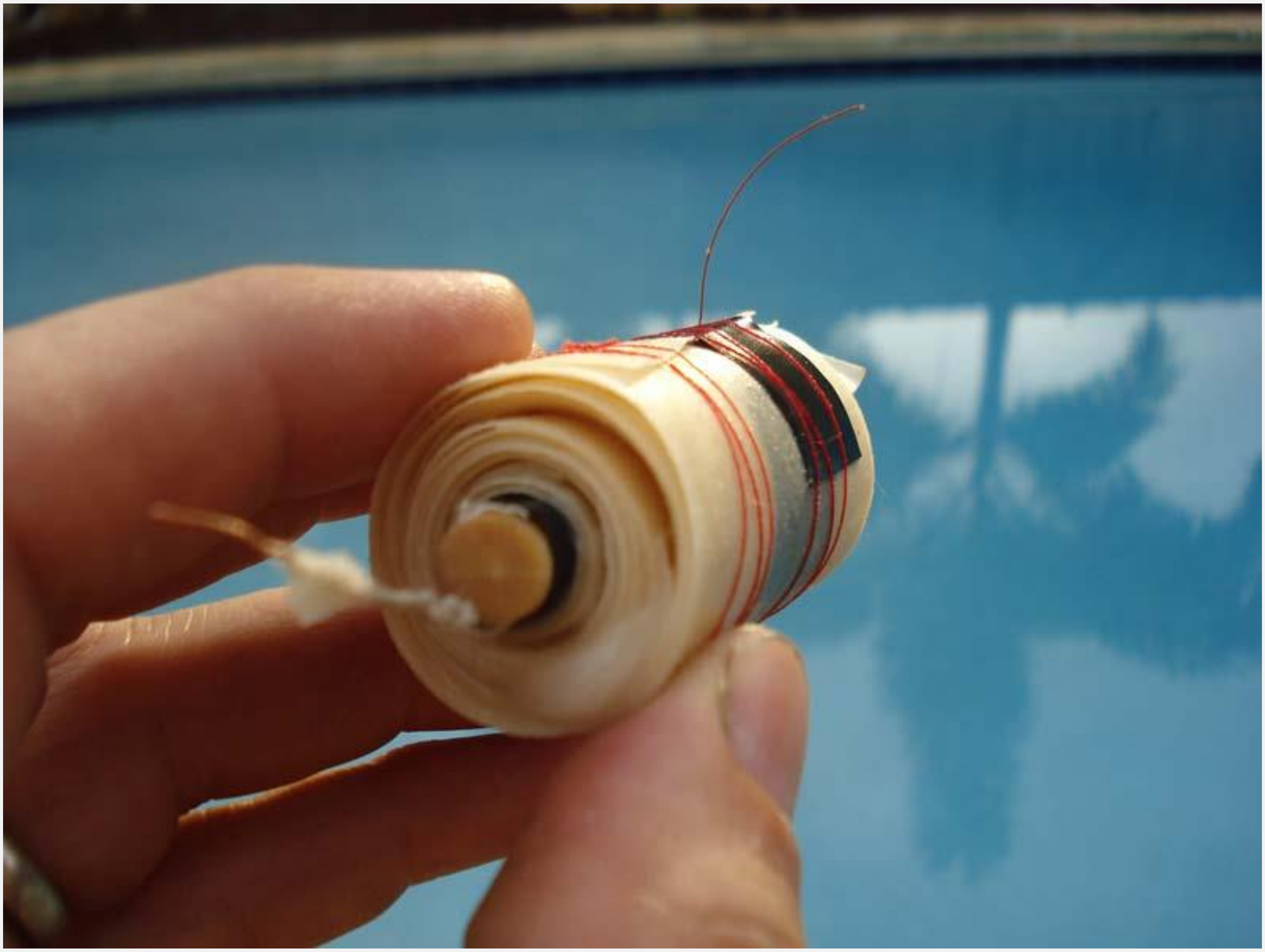


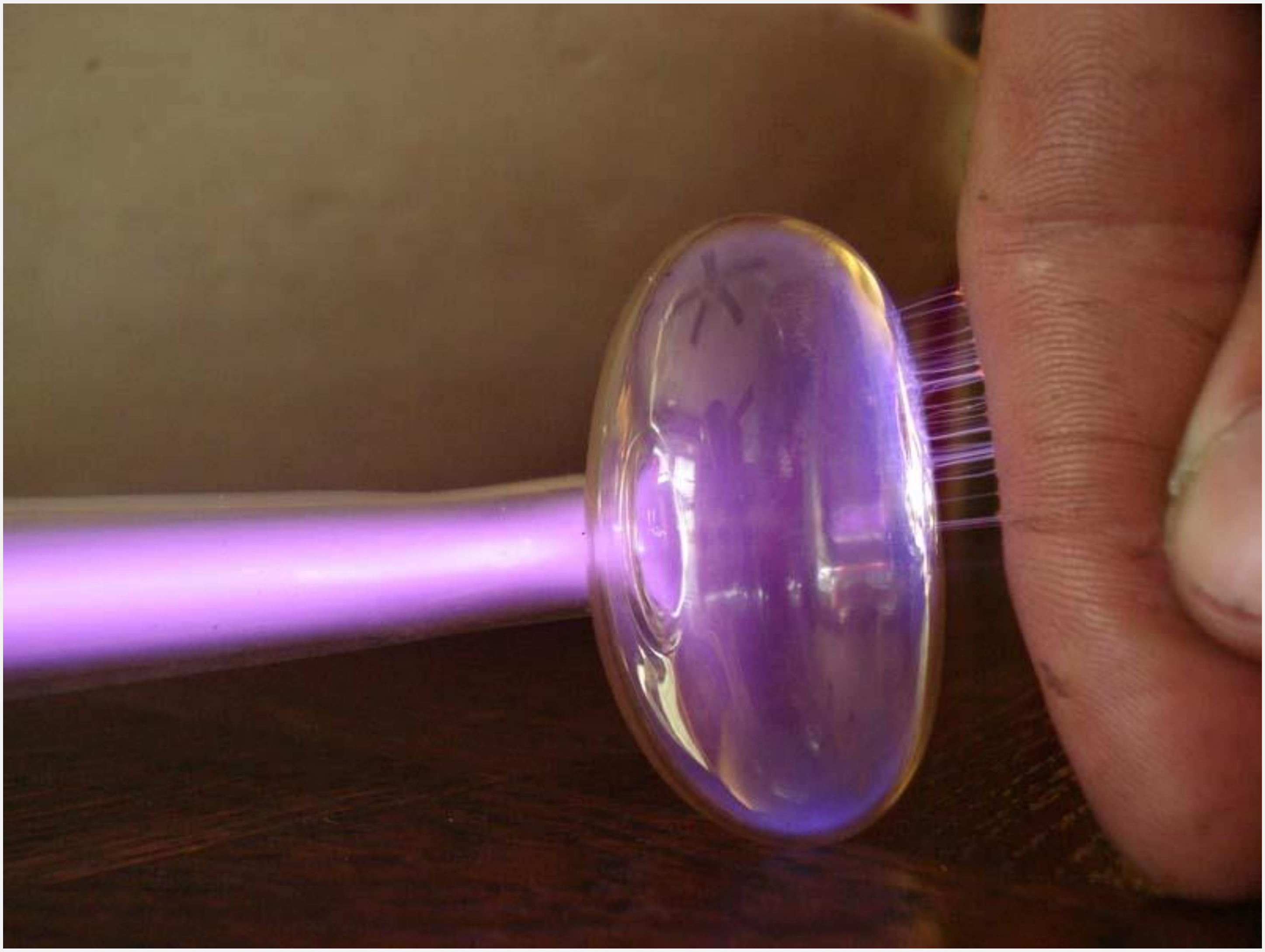


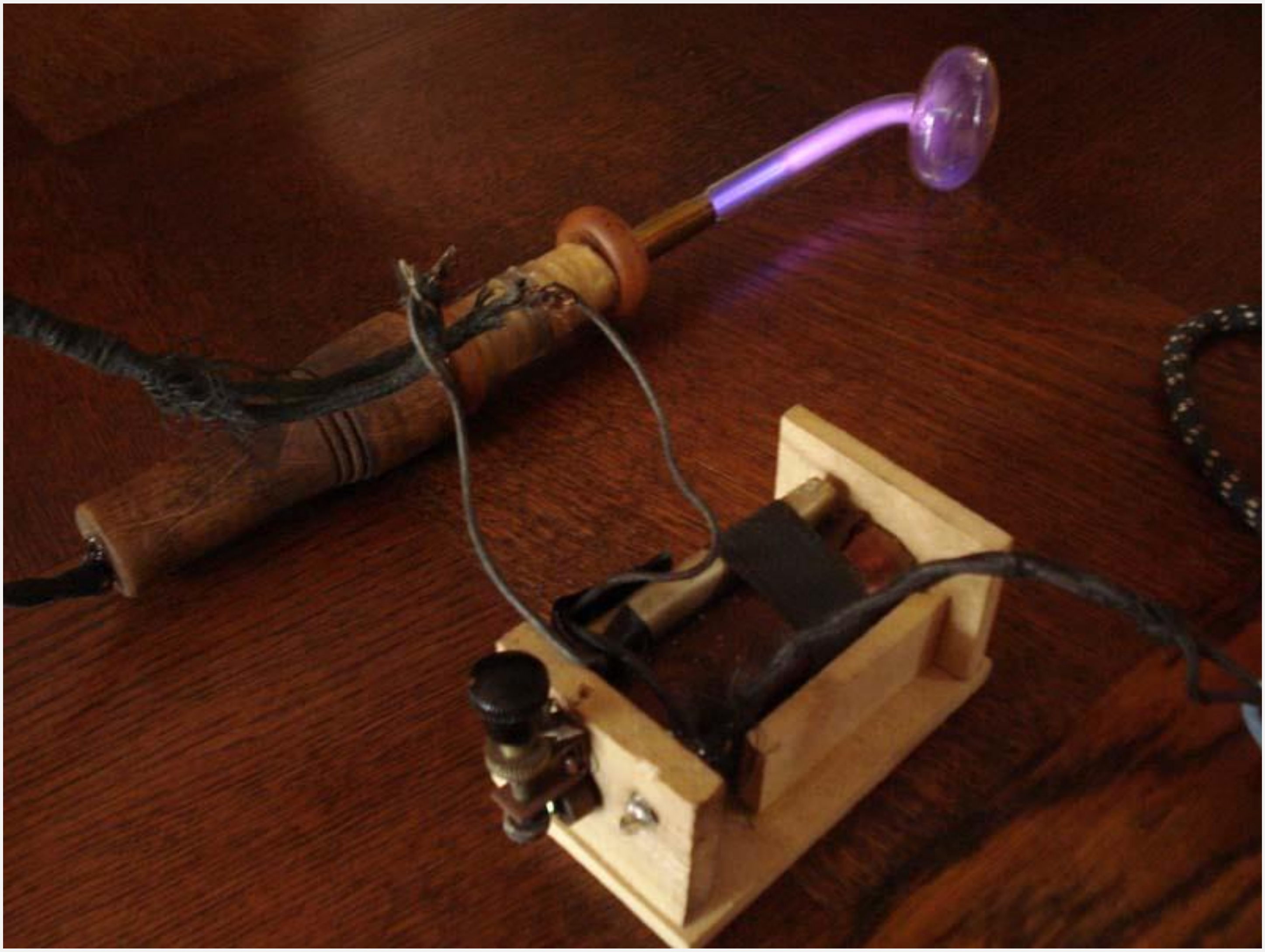


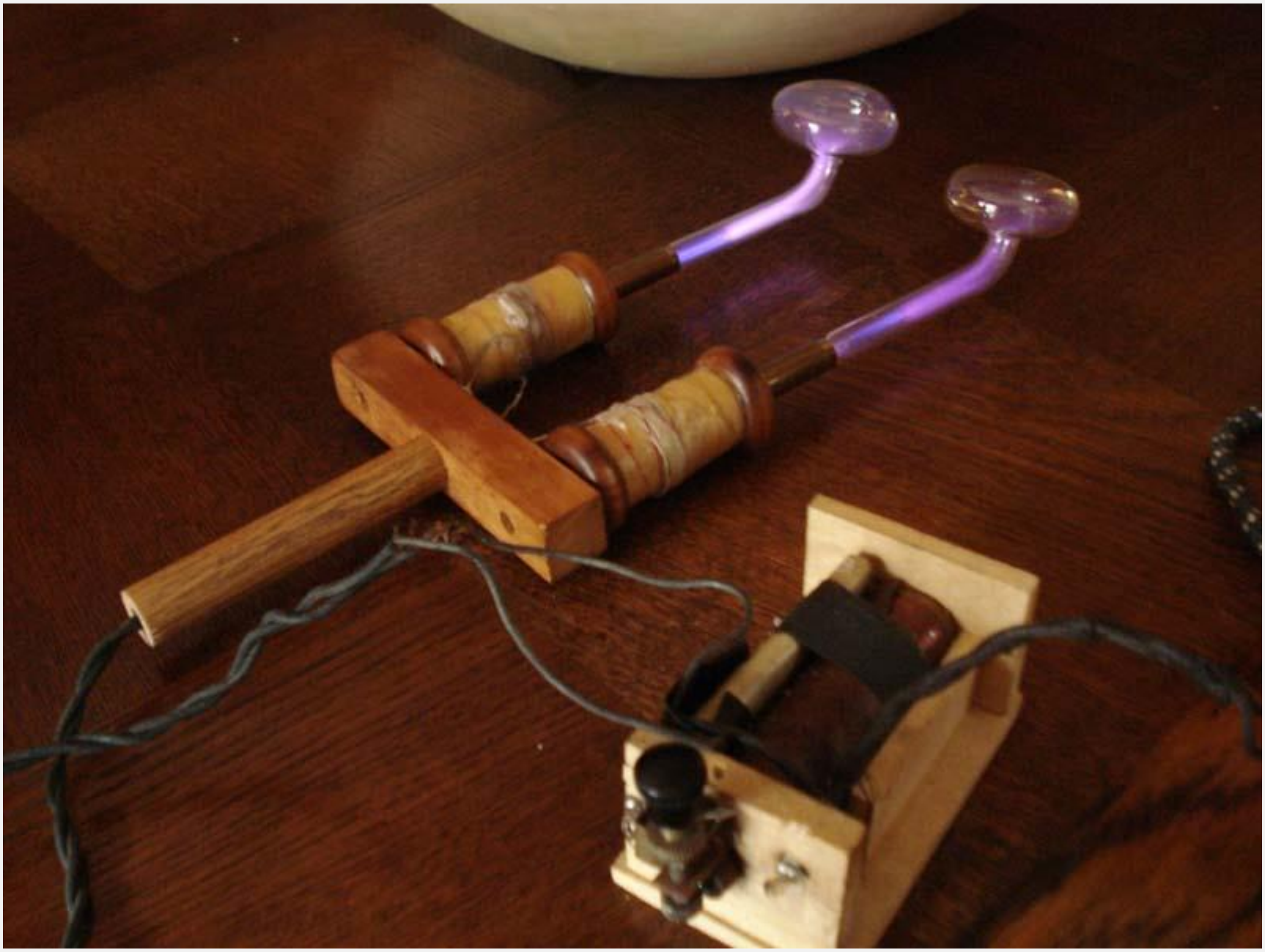


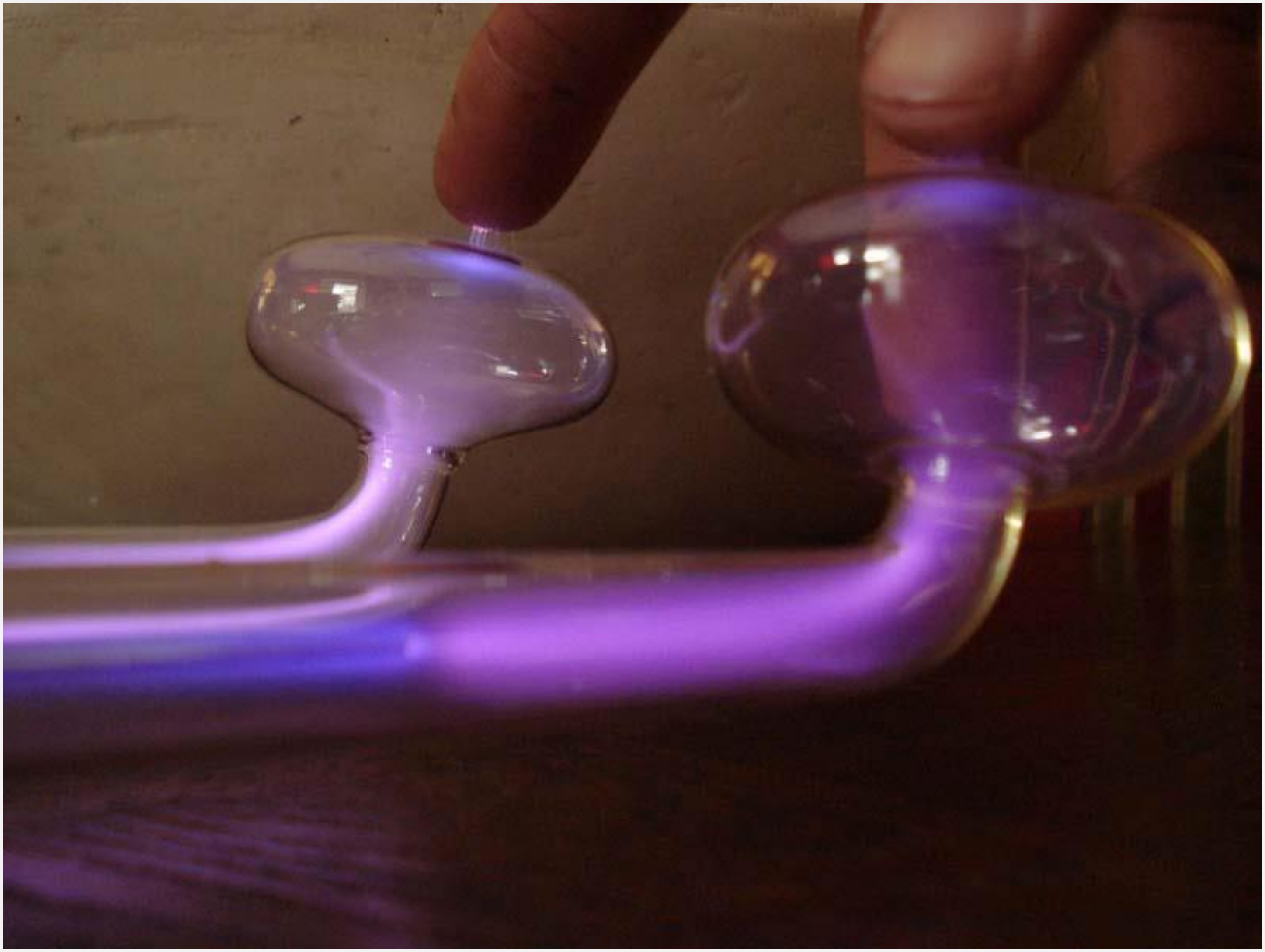


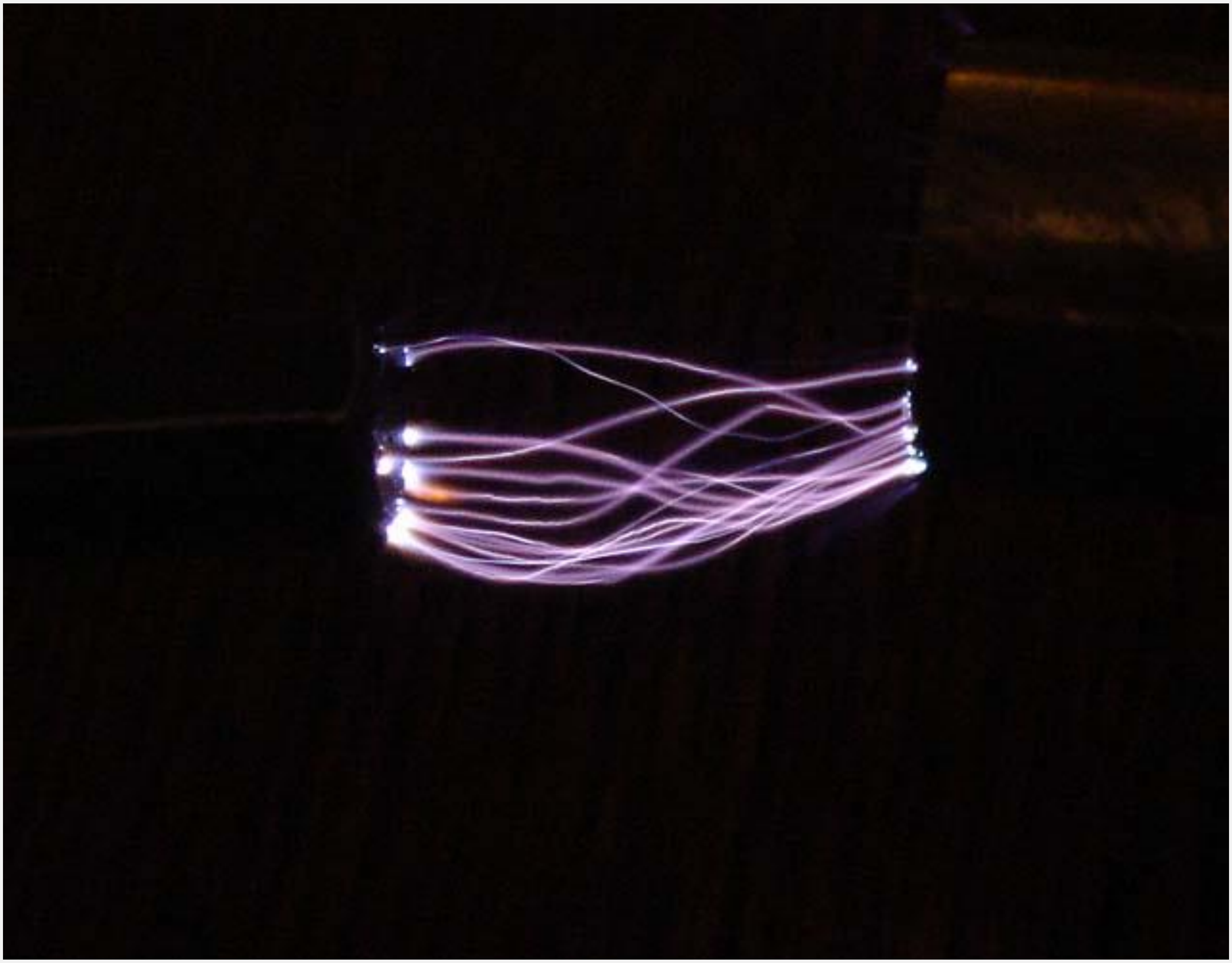


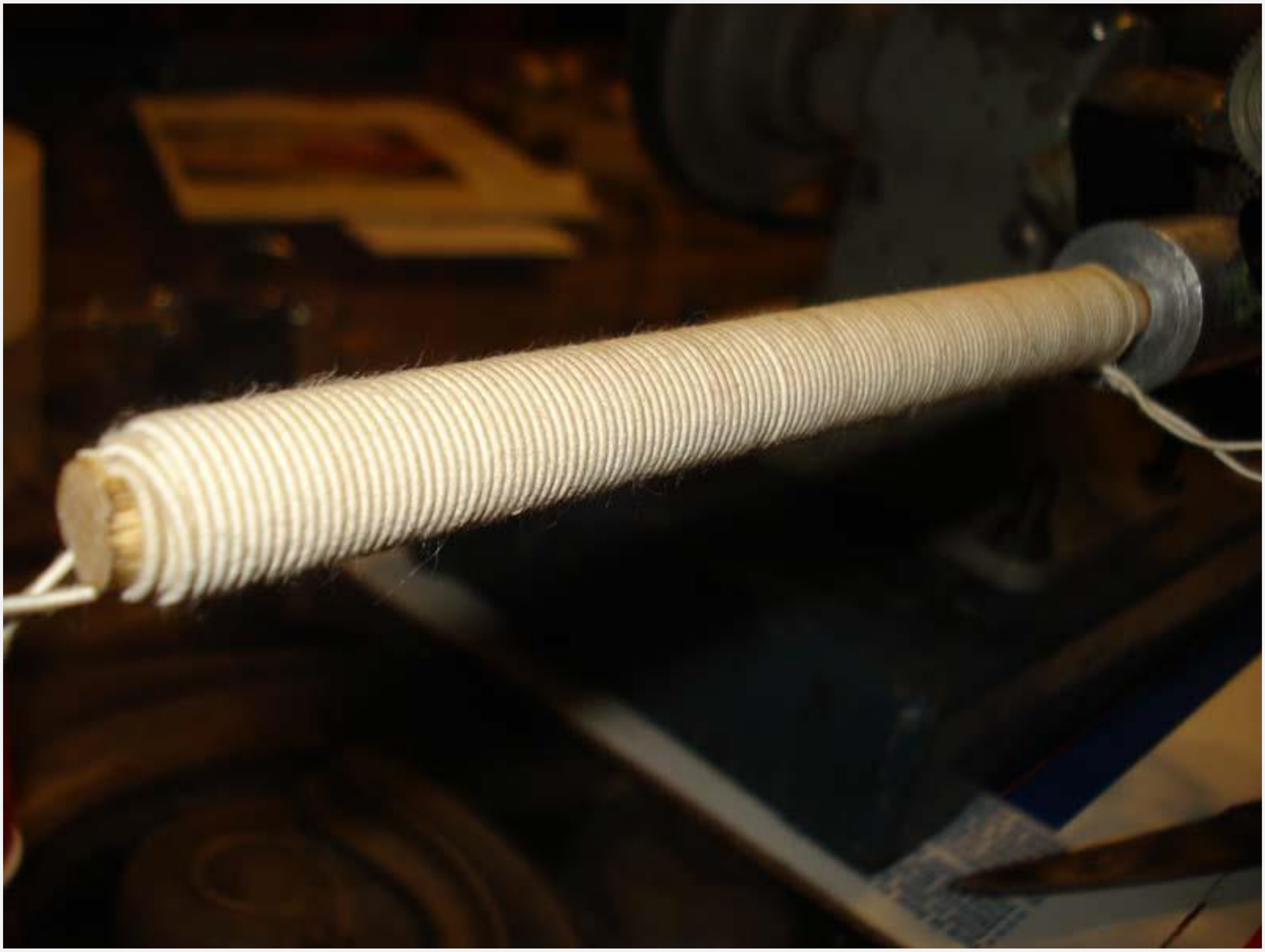


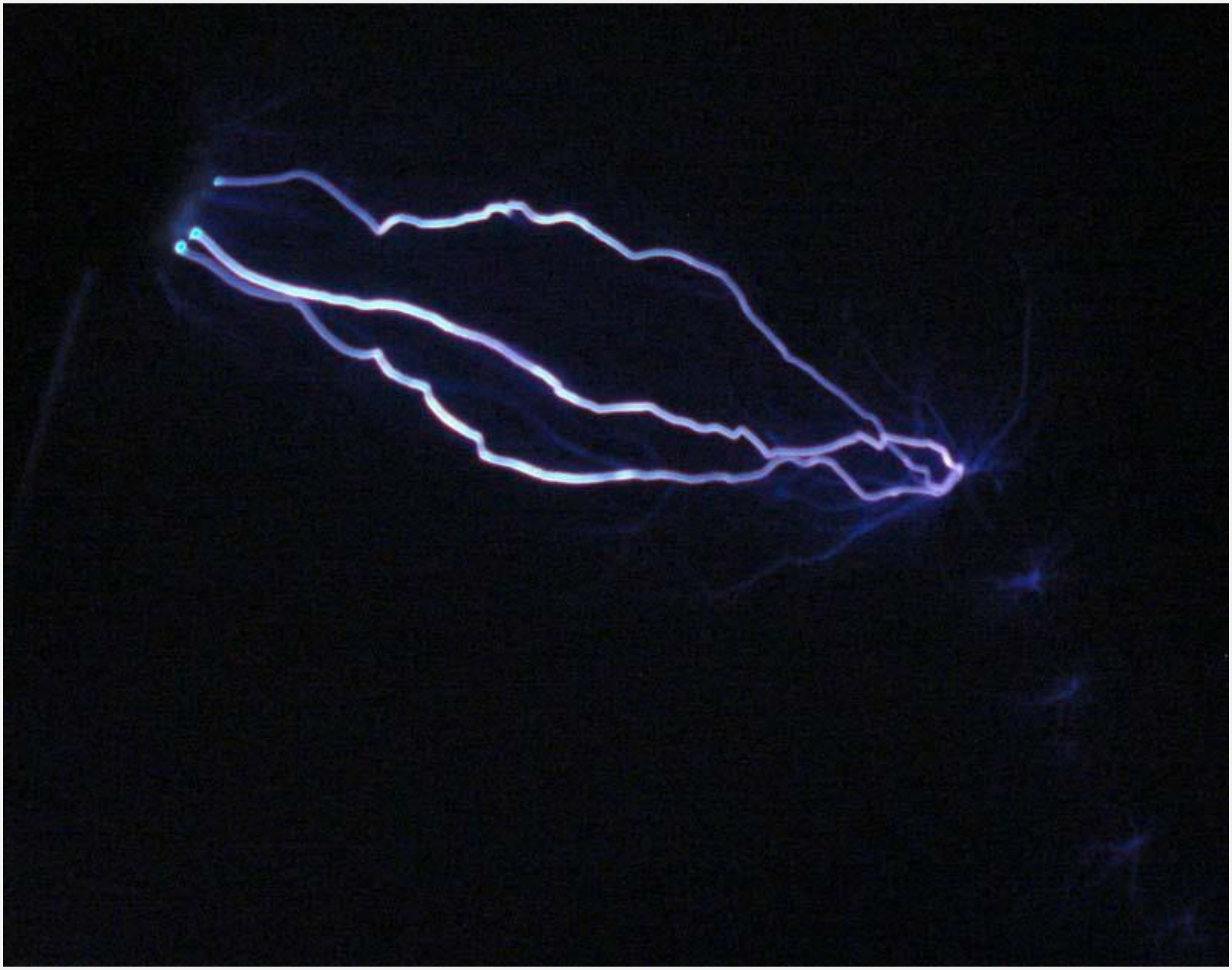












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THE BEATLES

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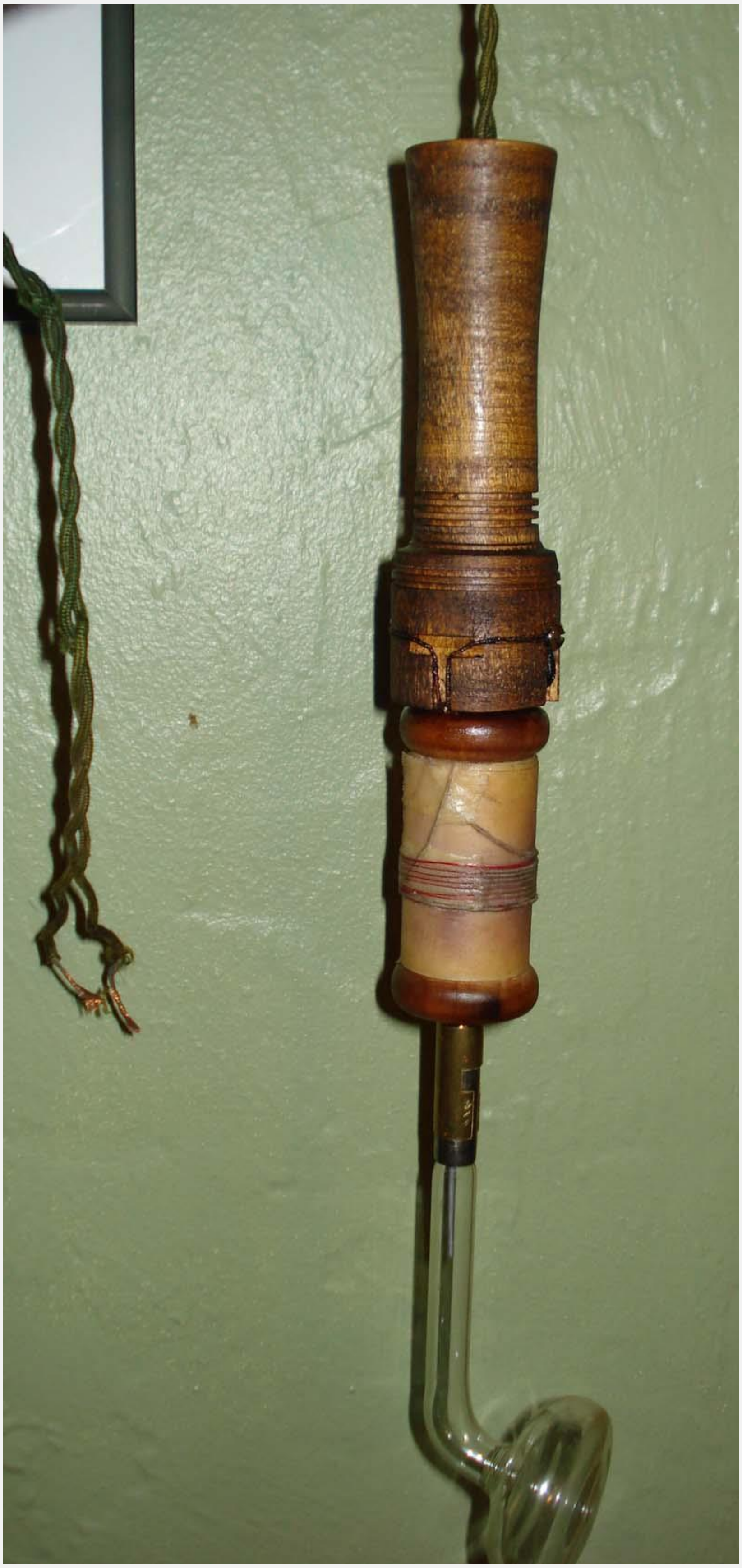

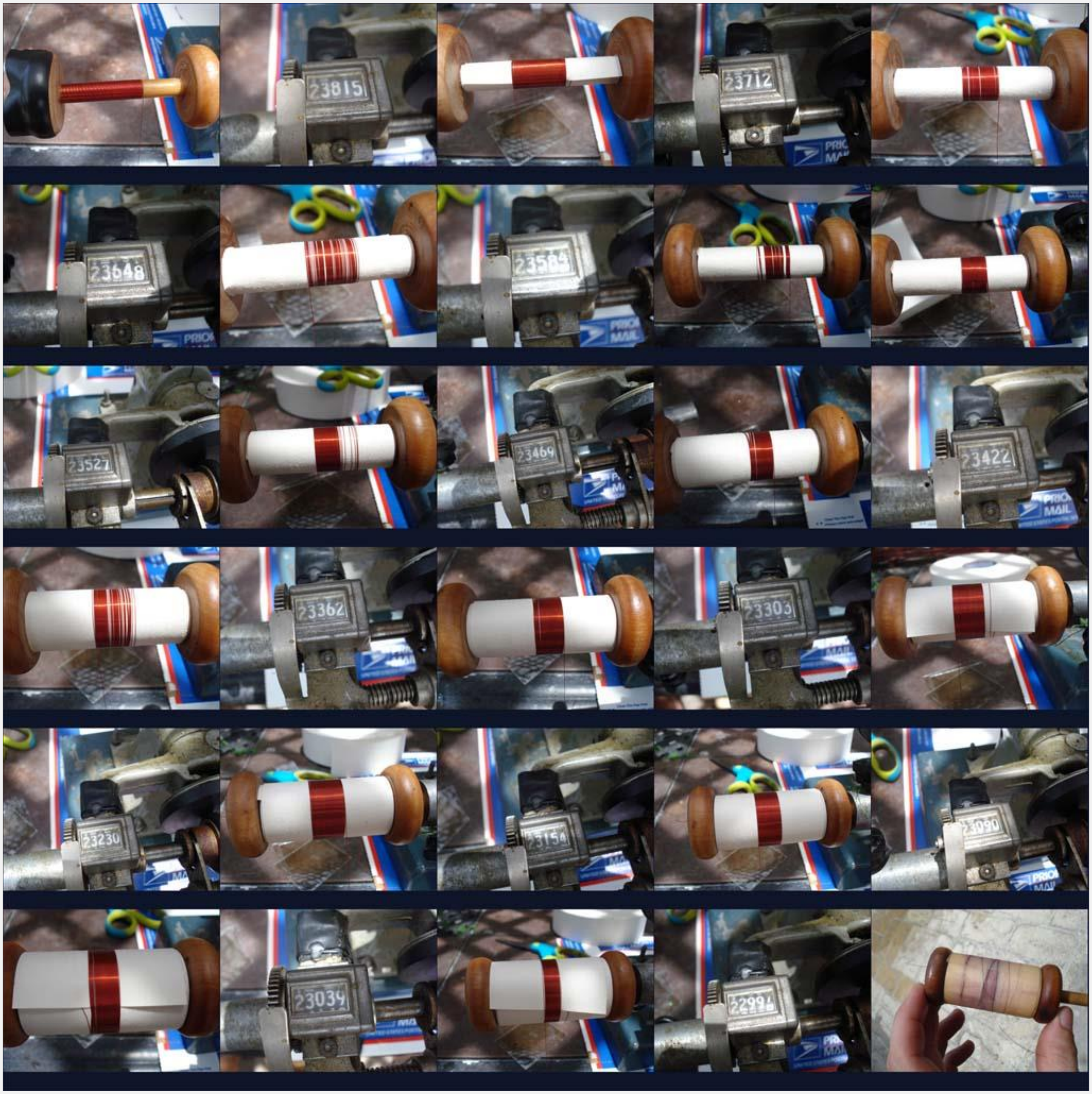
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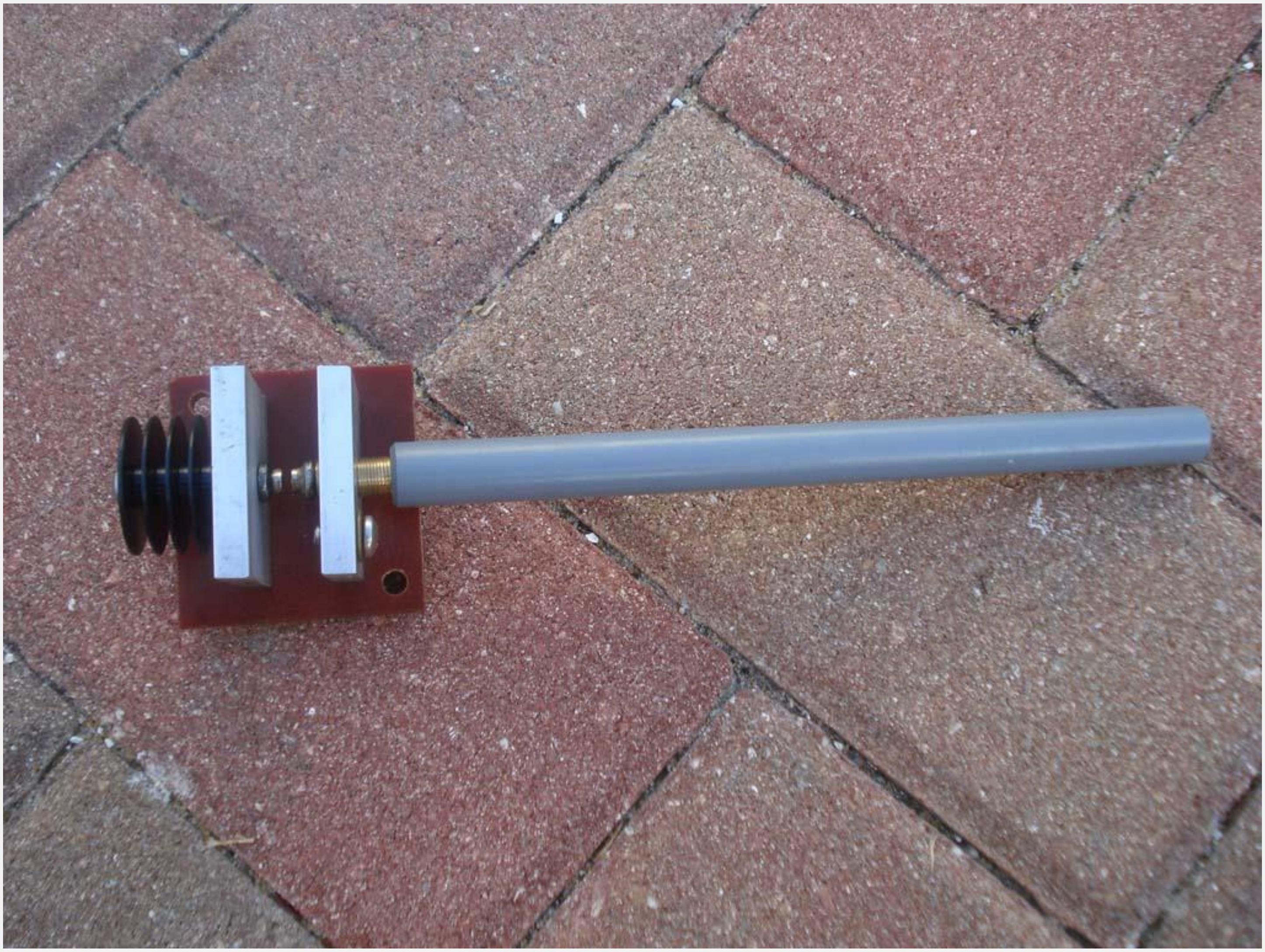

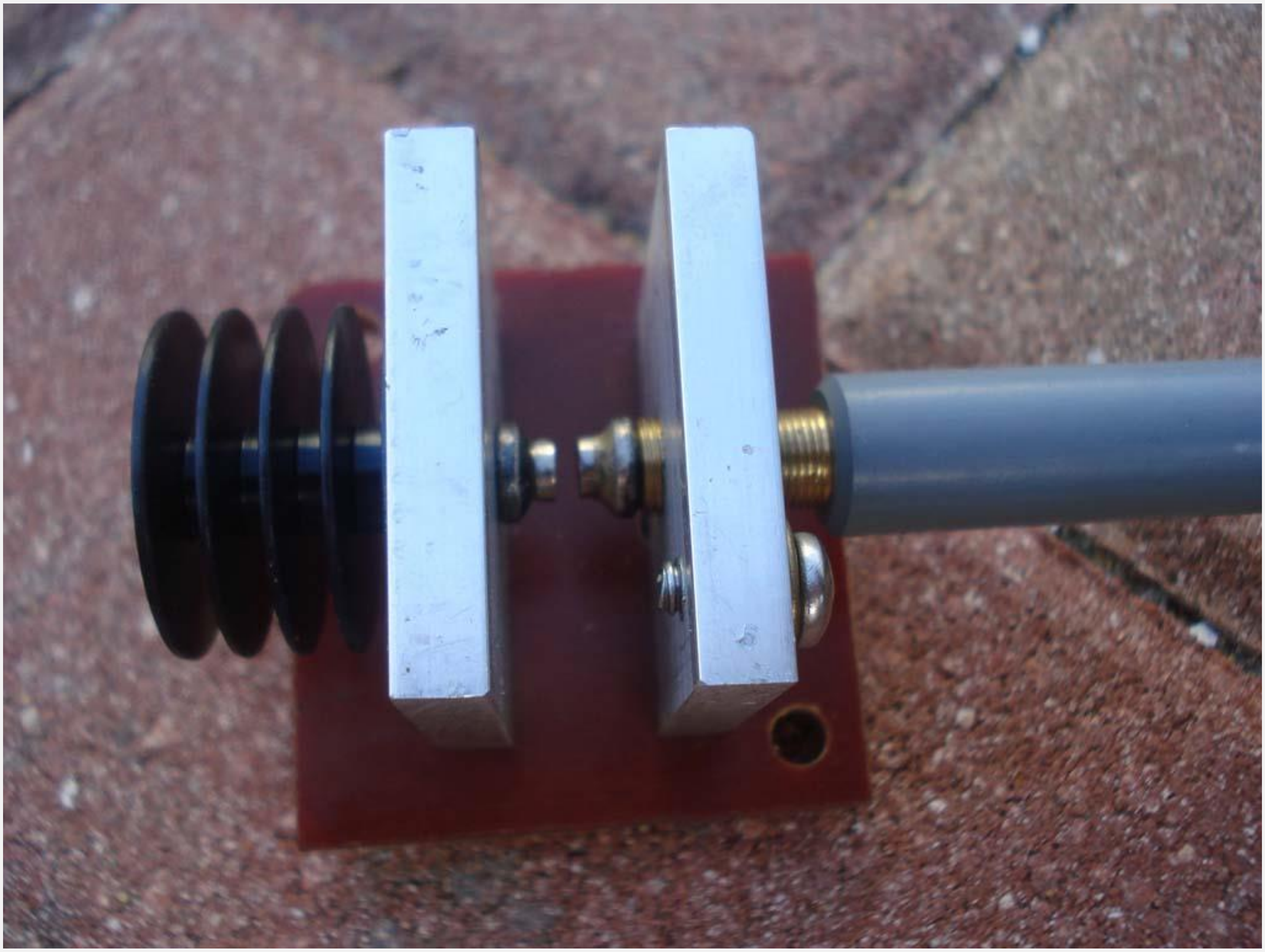

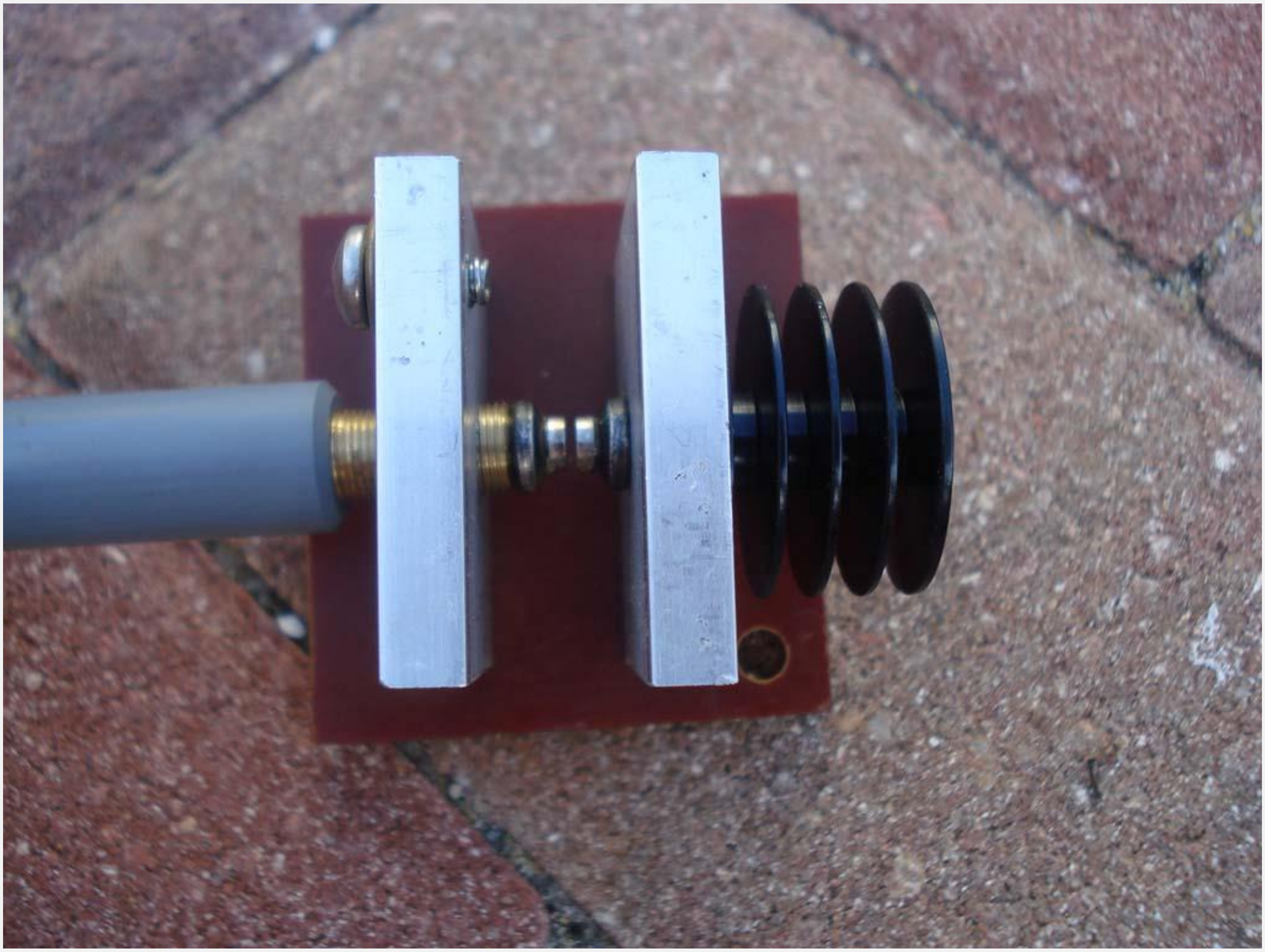

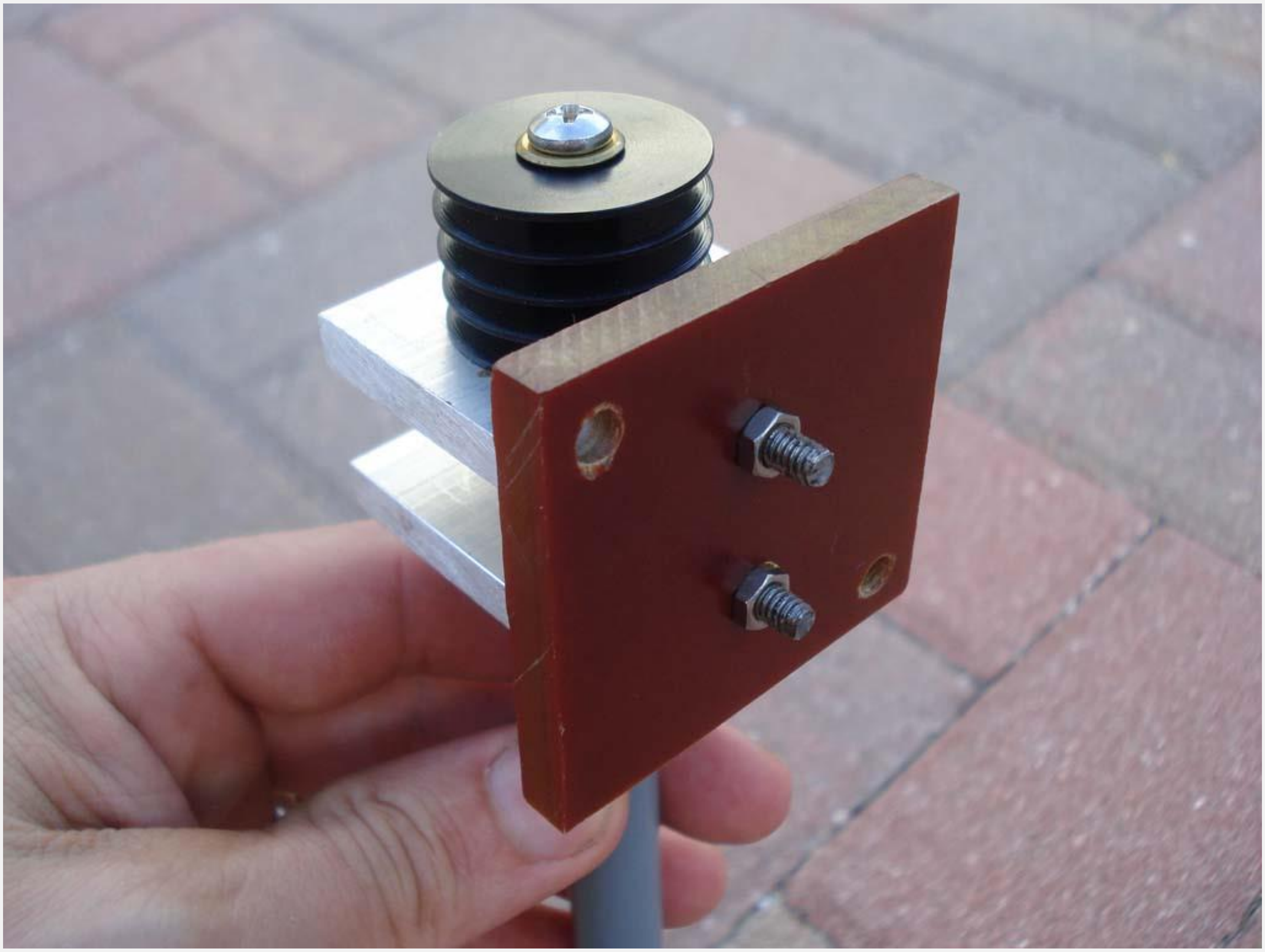

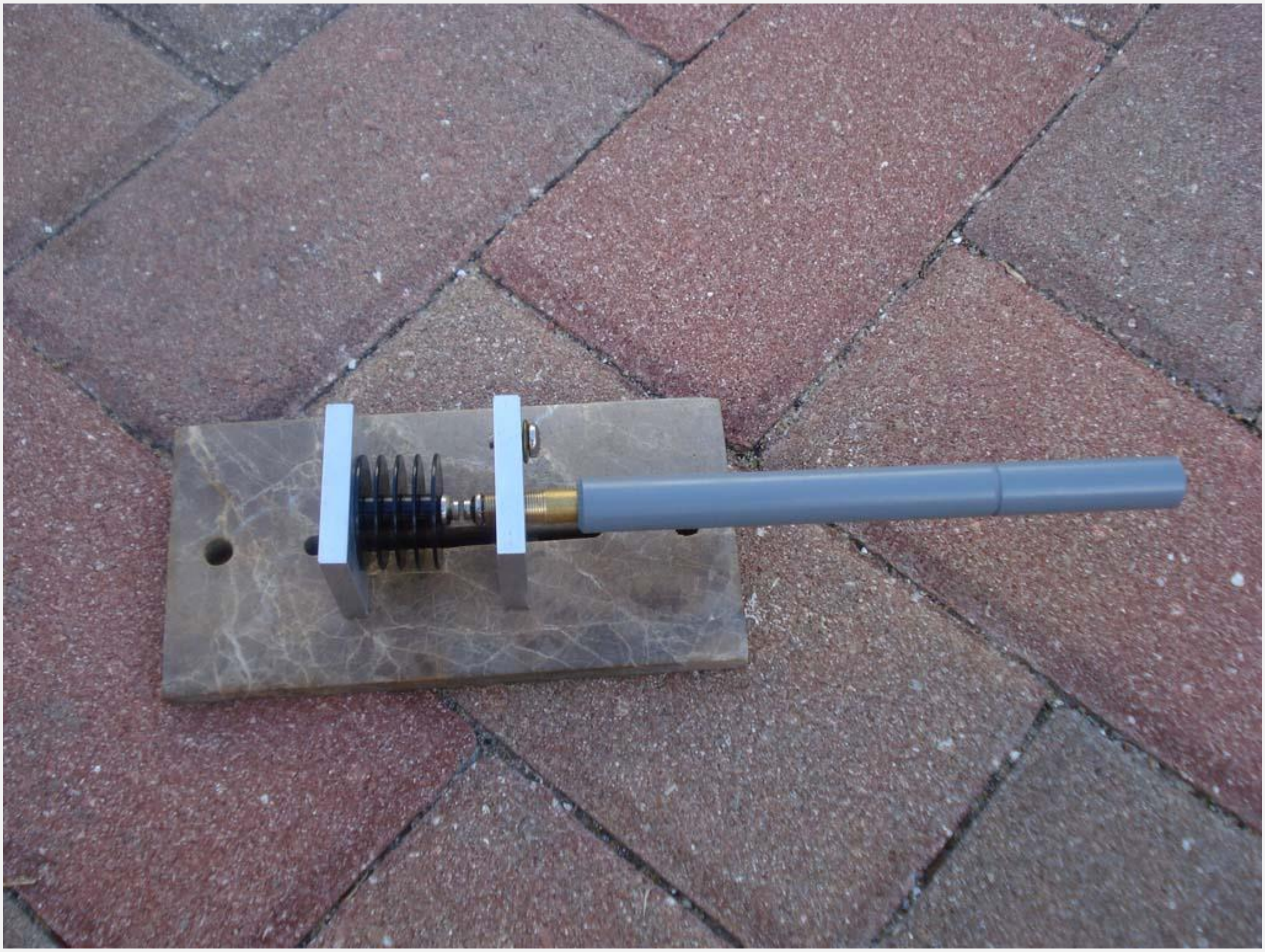

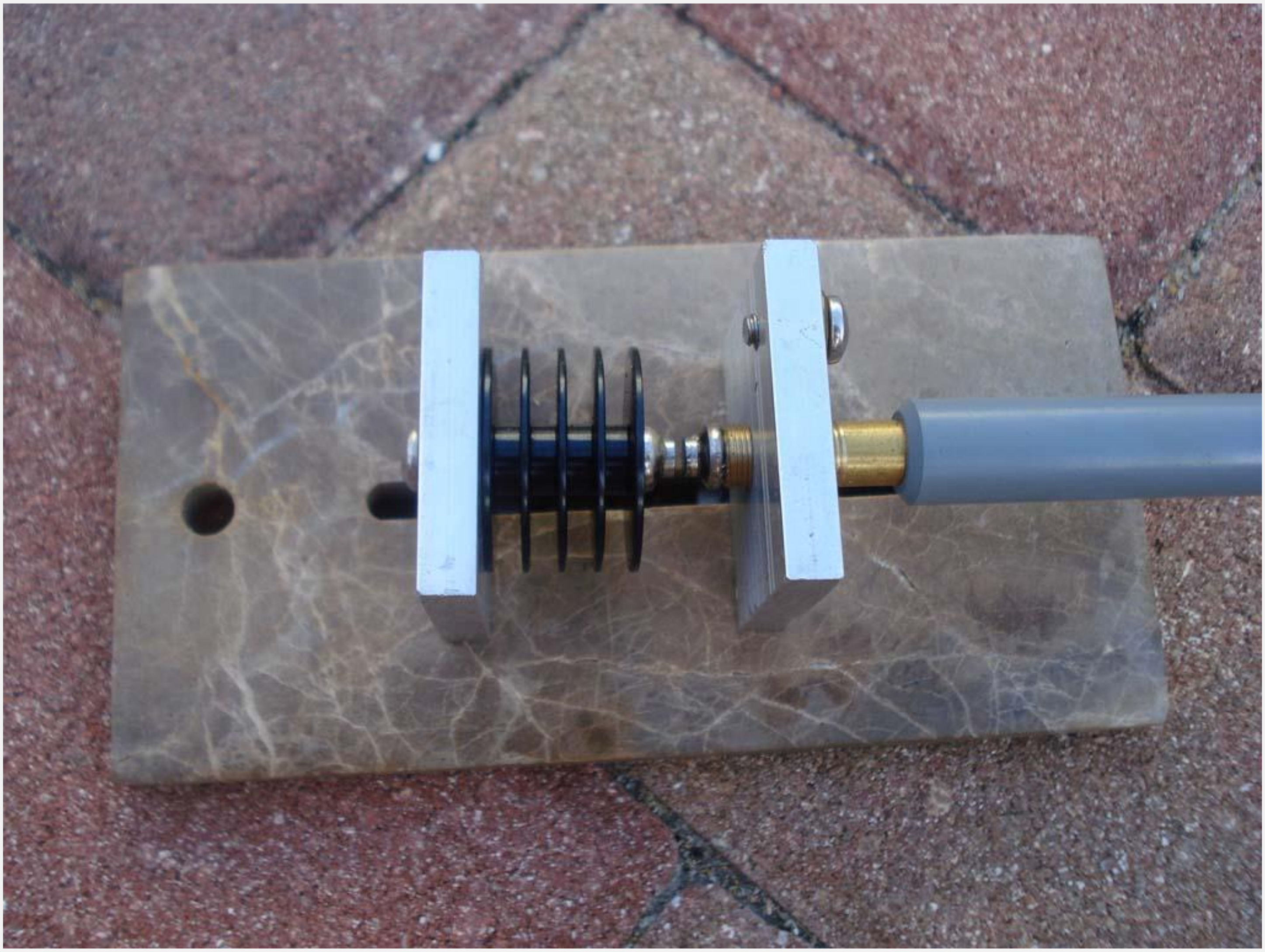

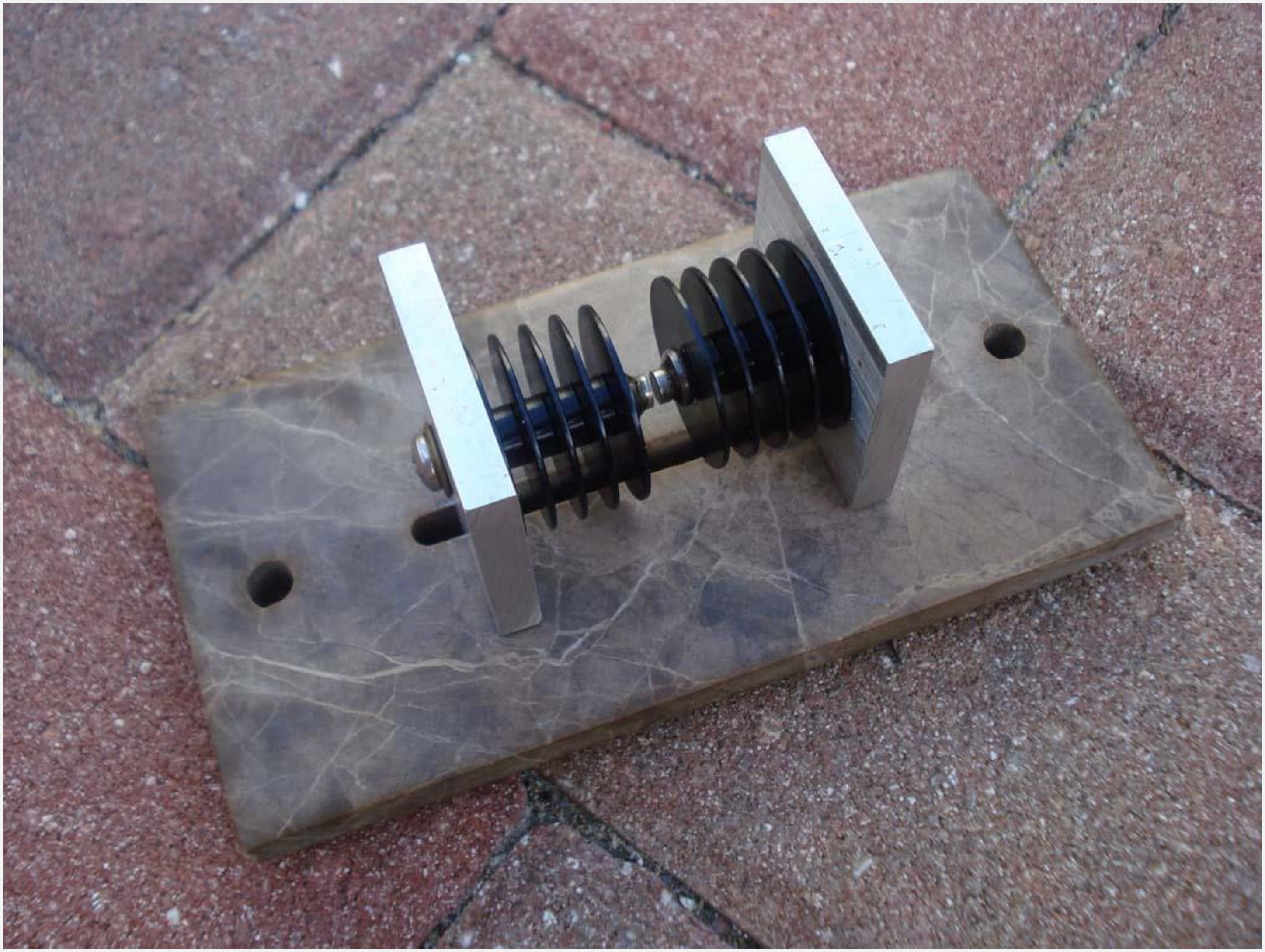

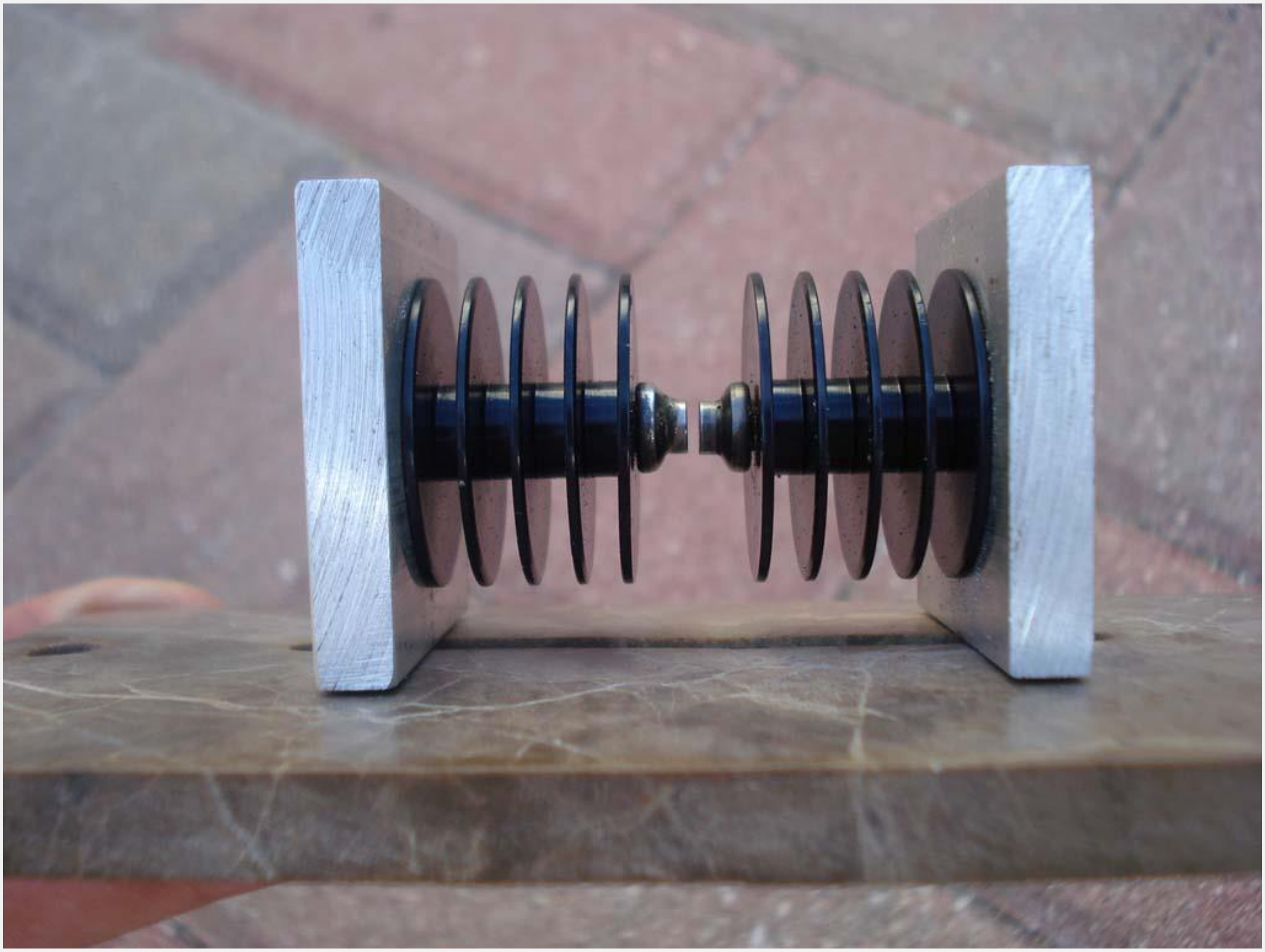

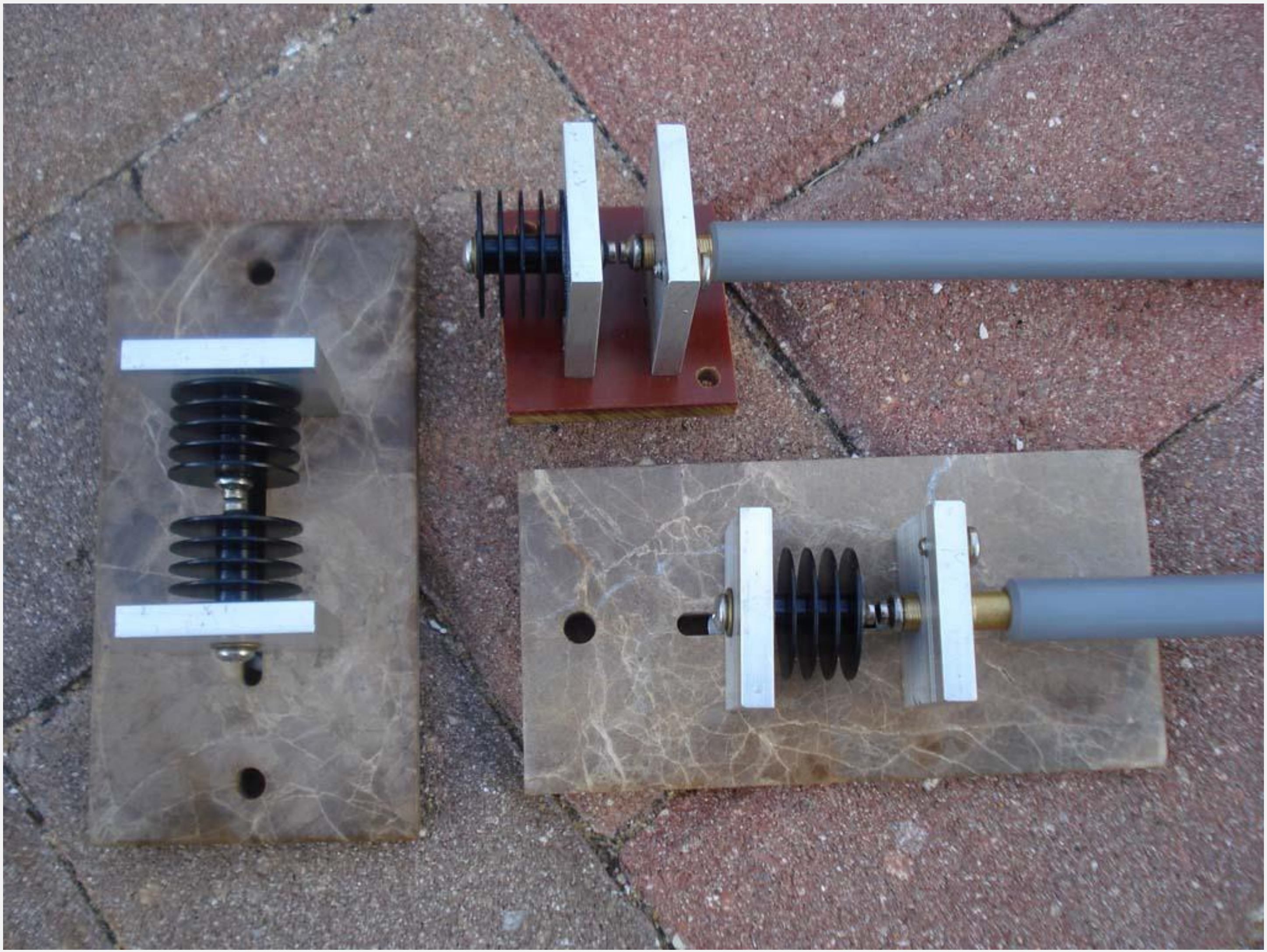

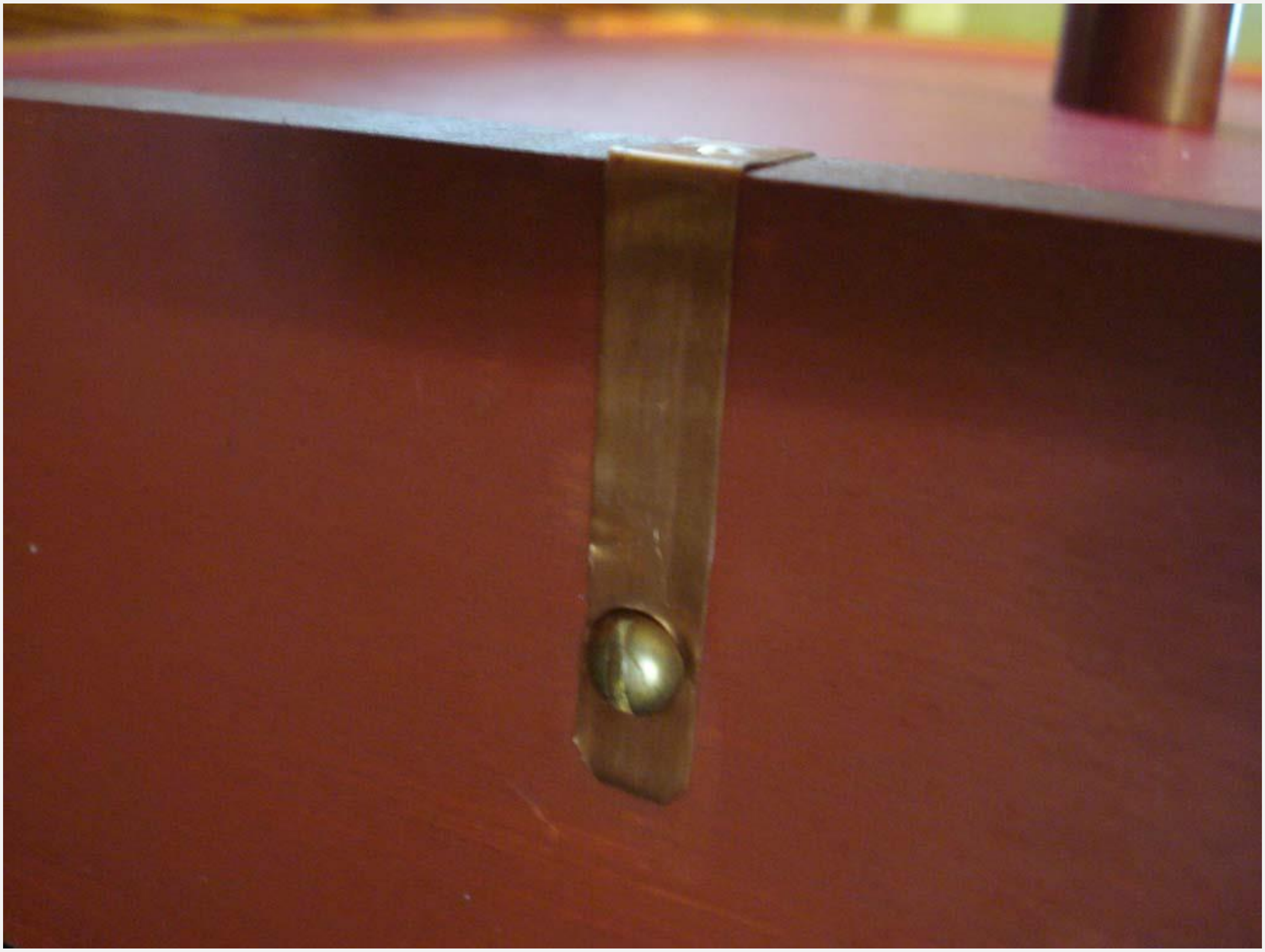

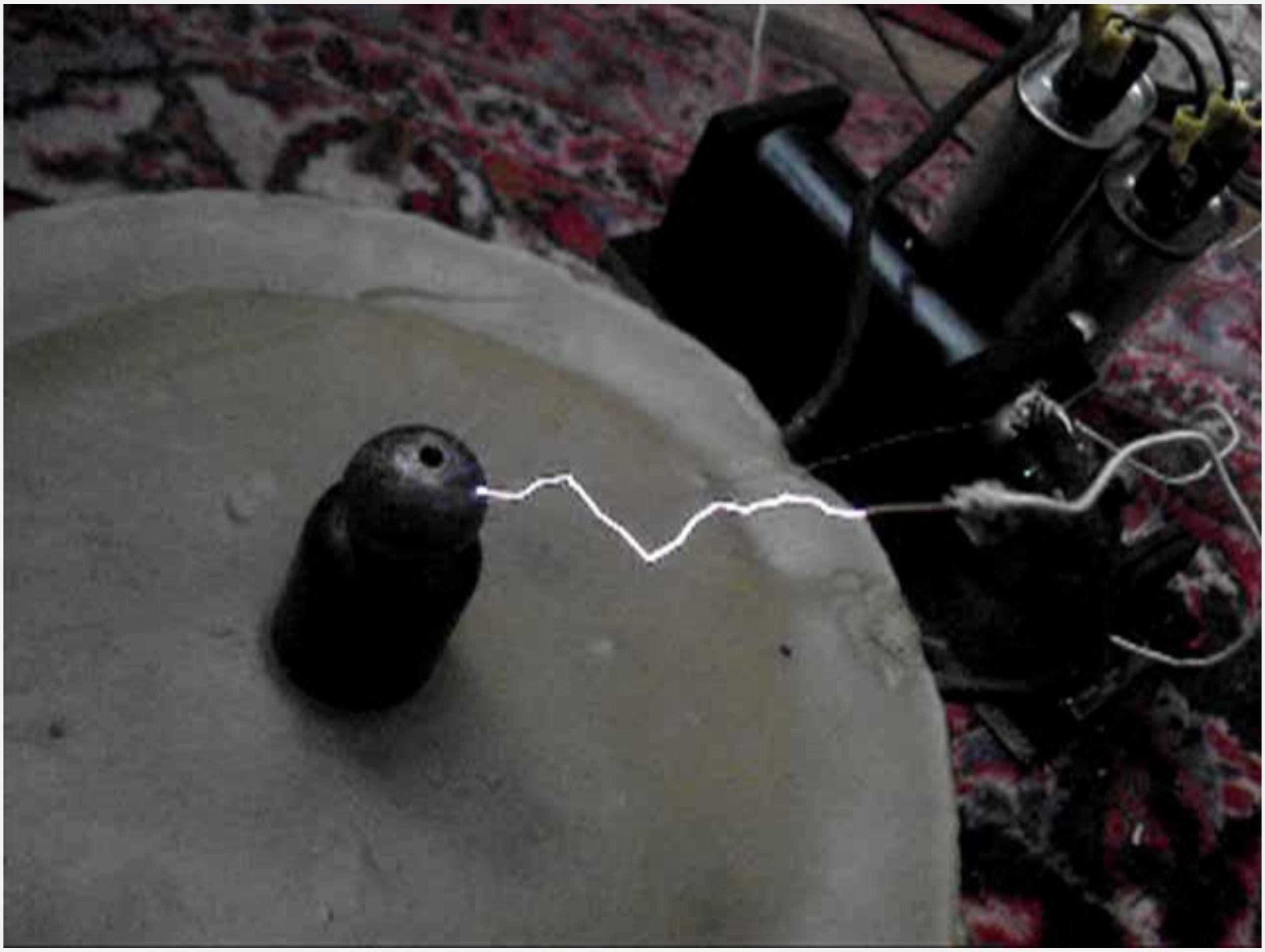

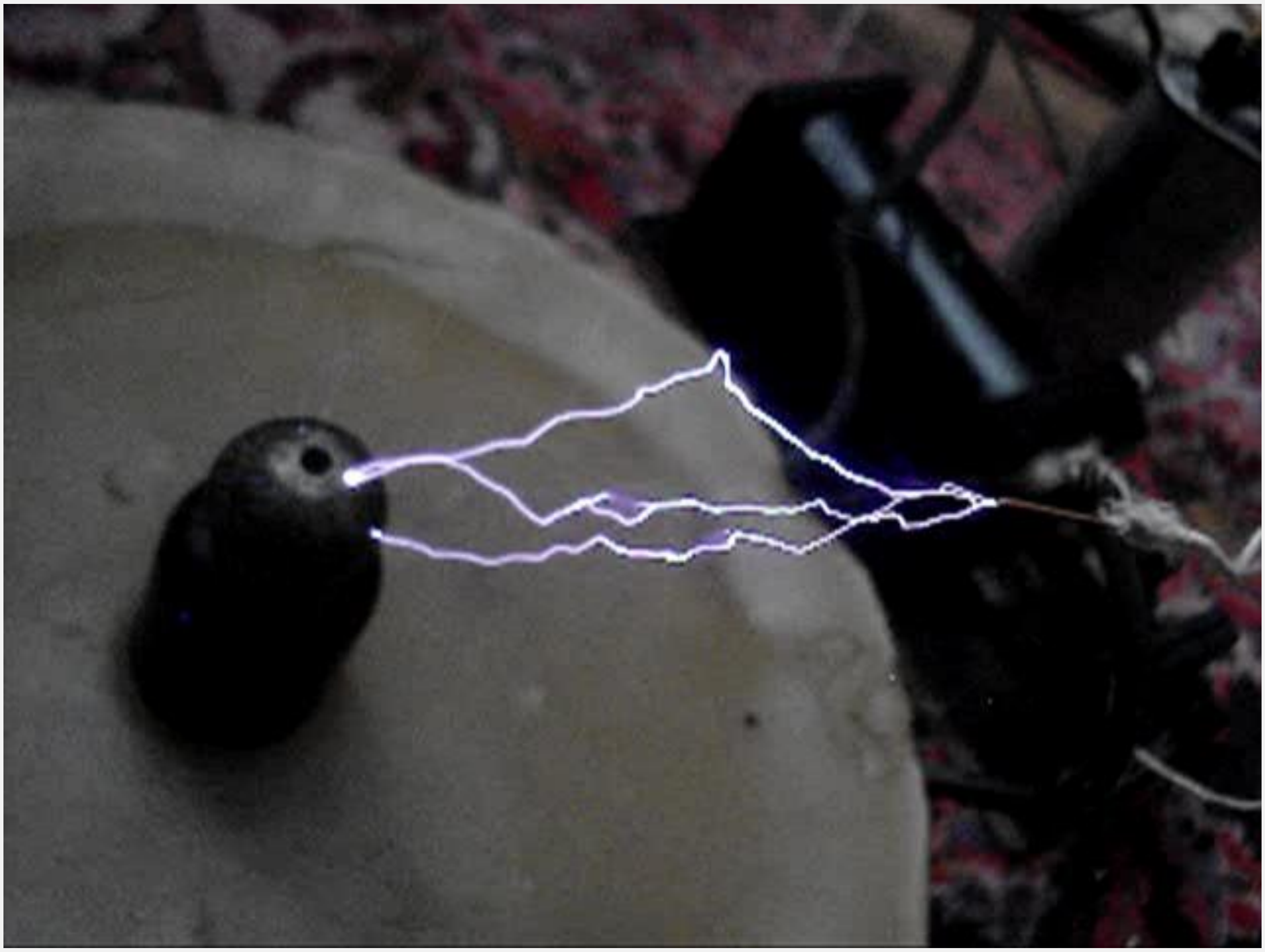

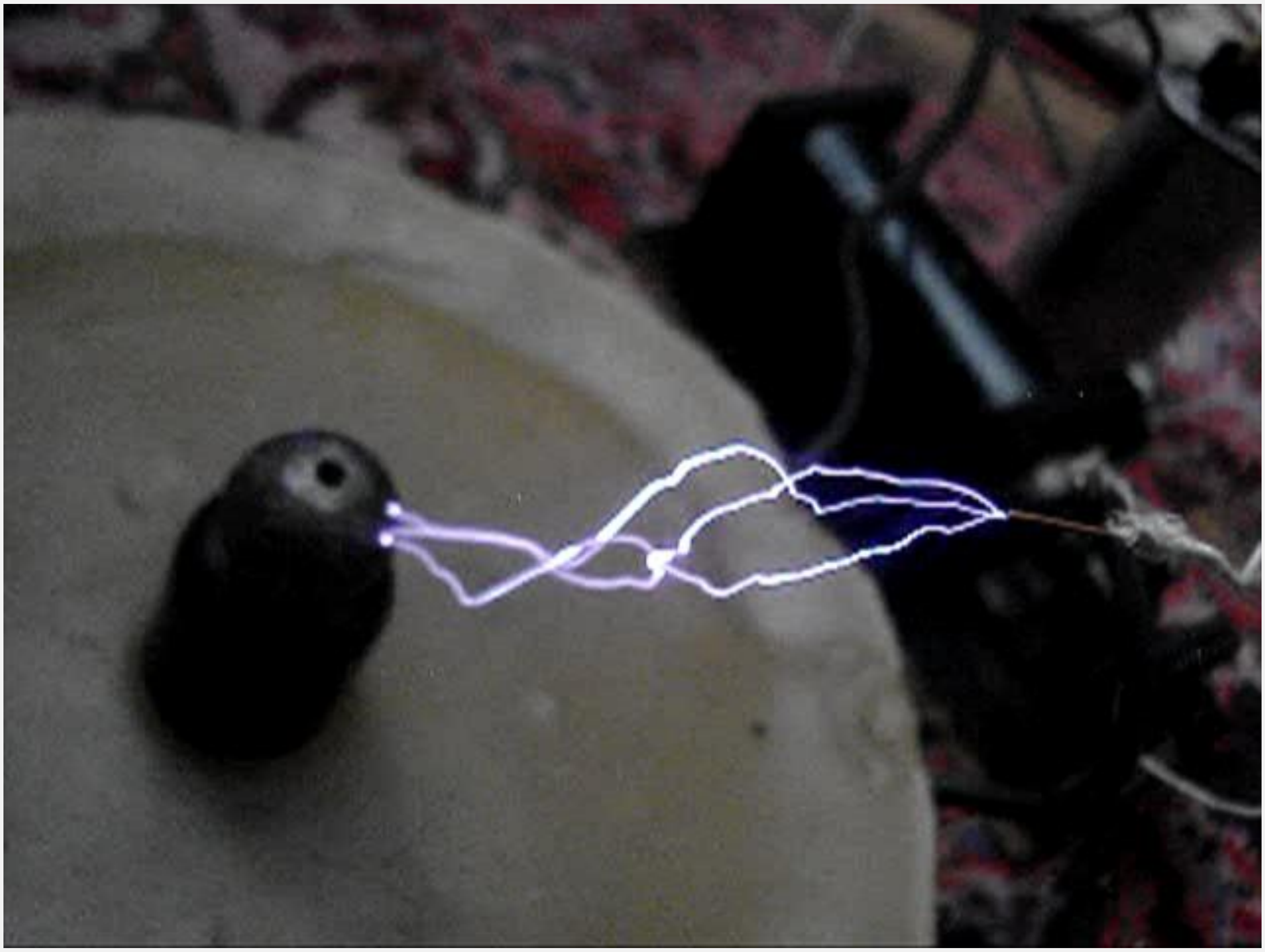

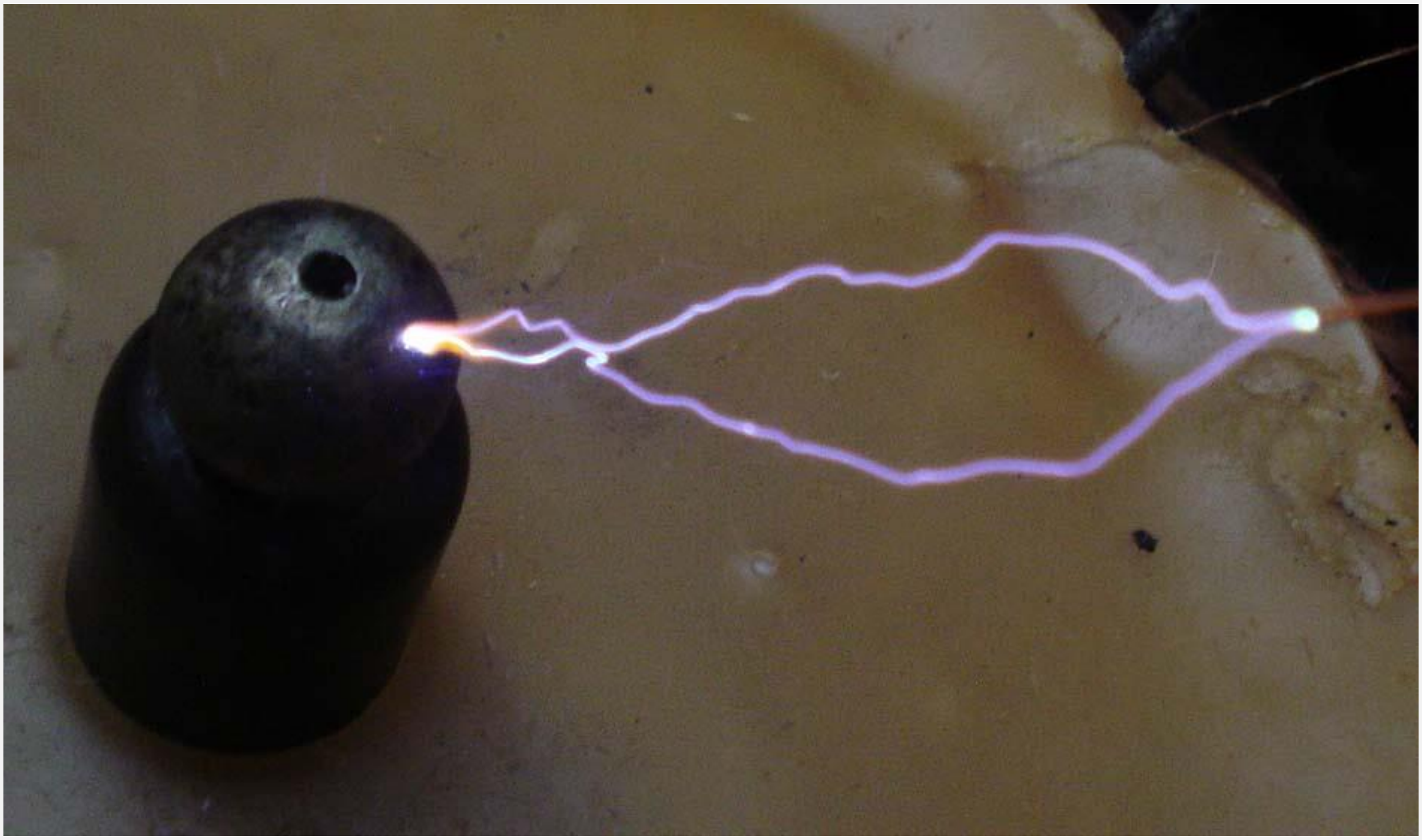

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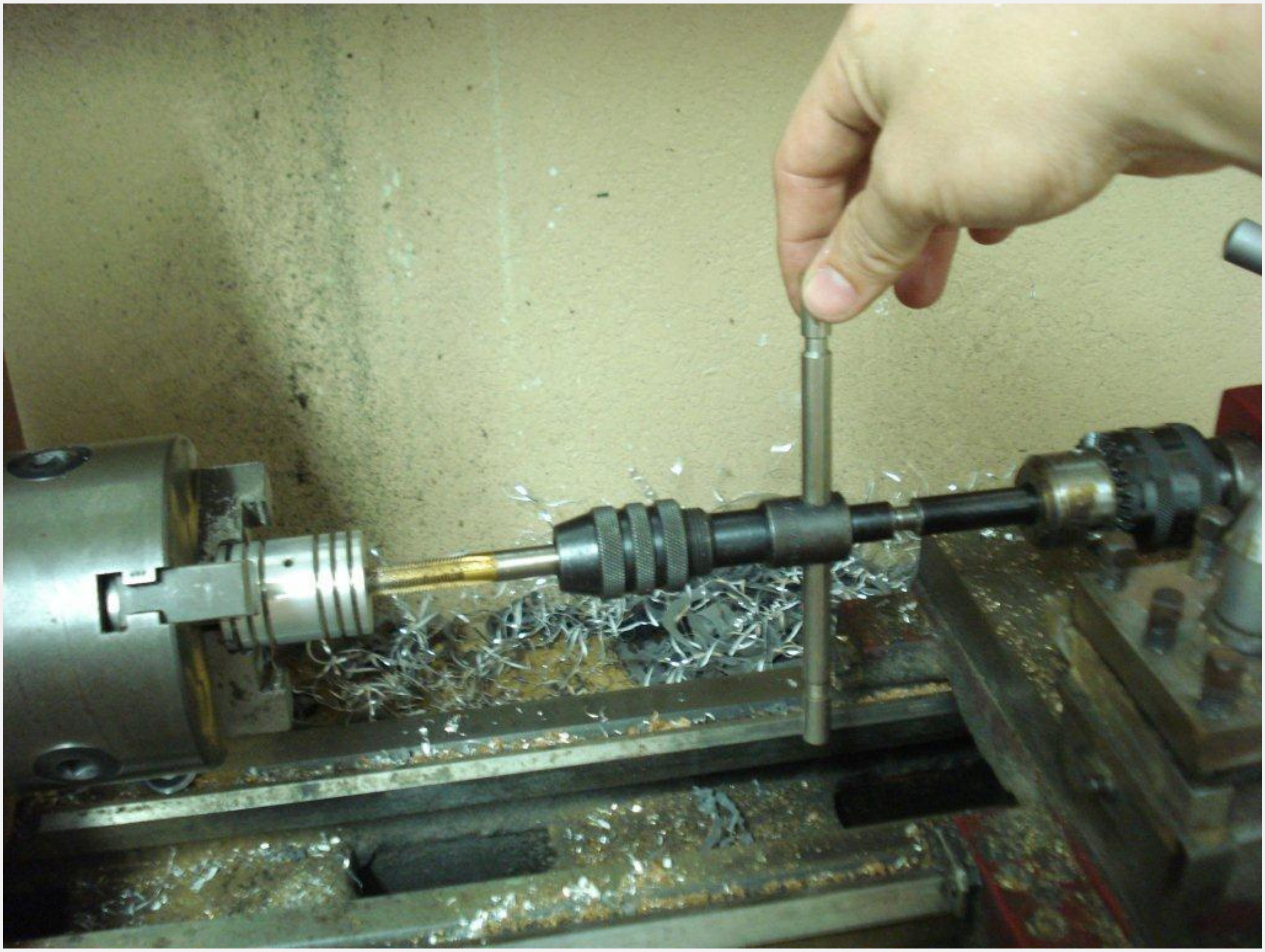

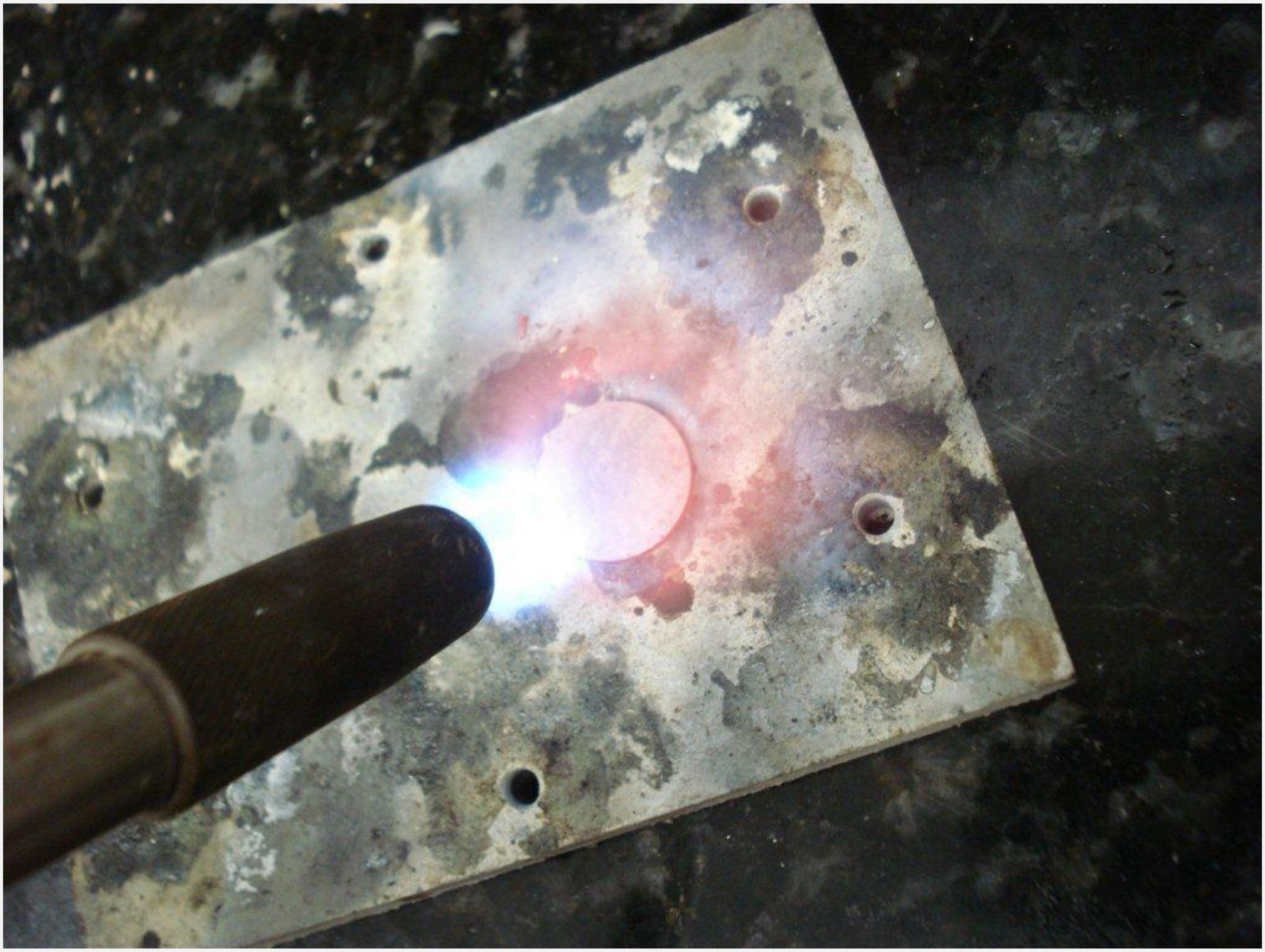

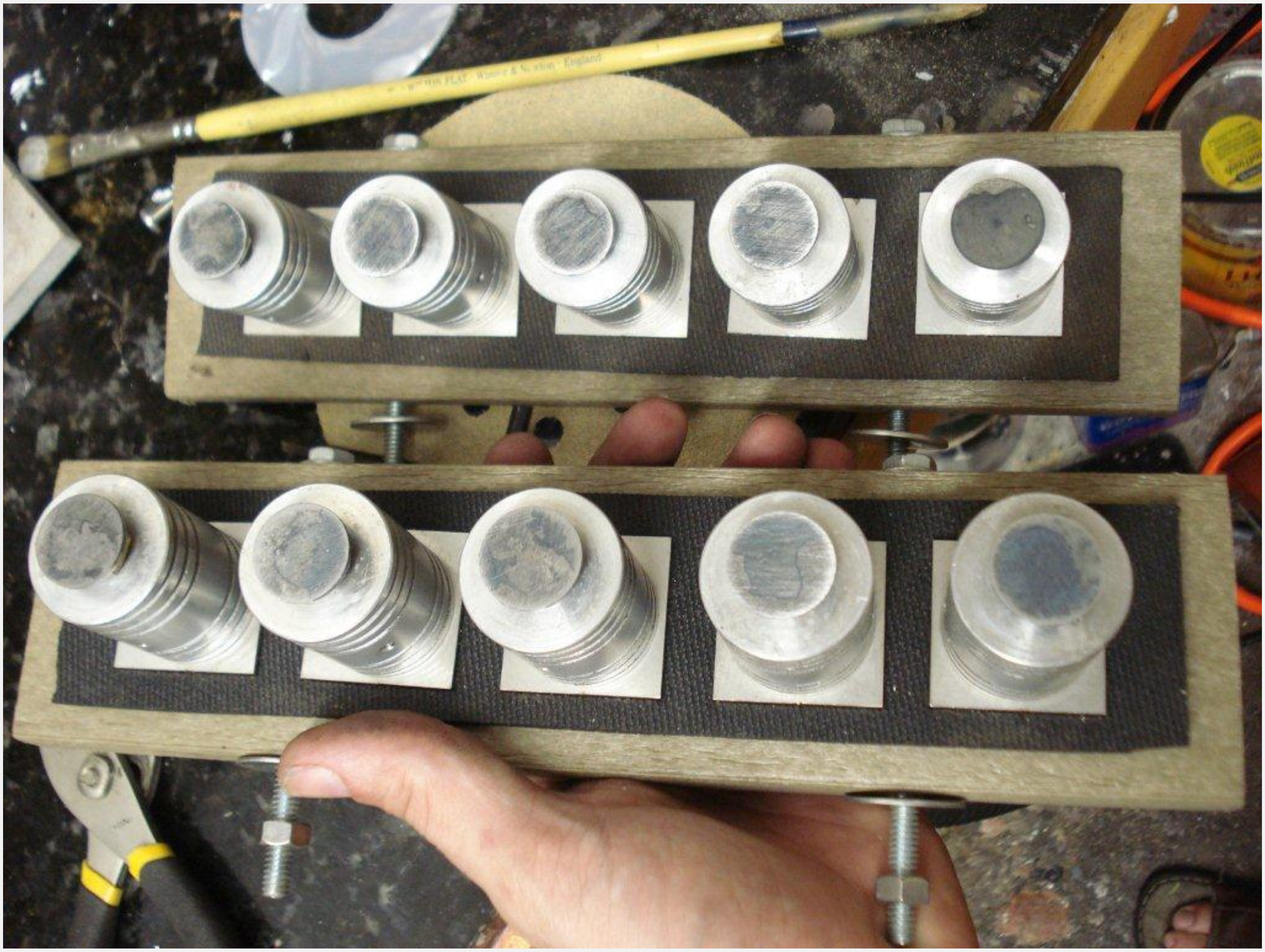

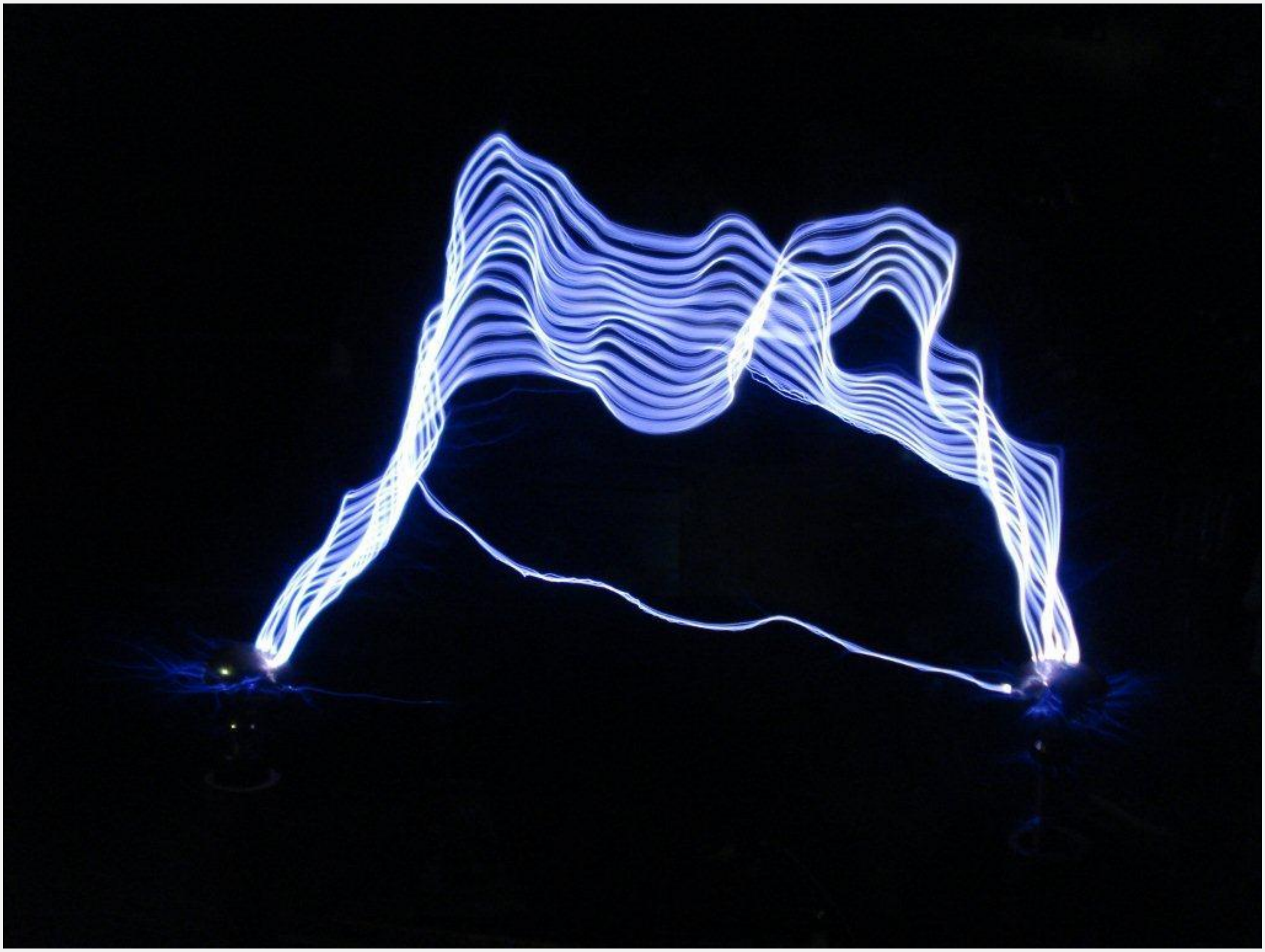

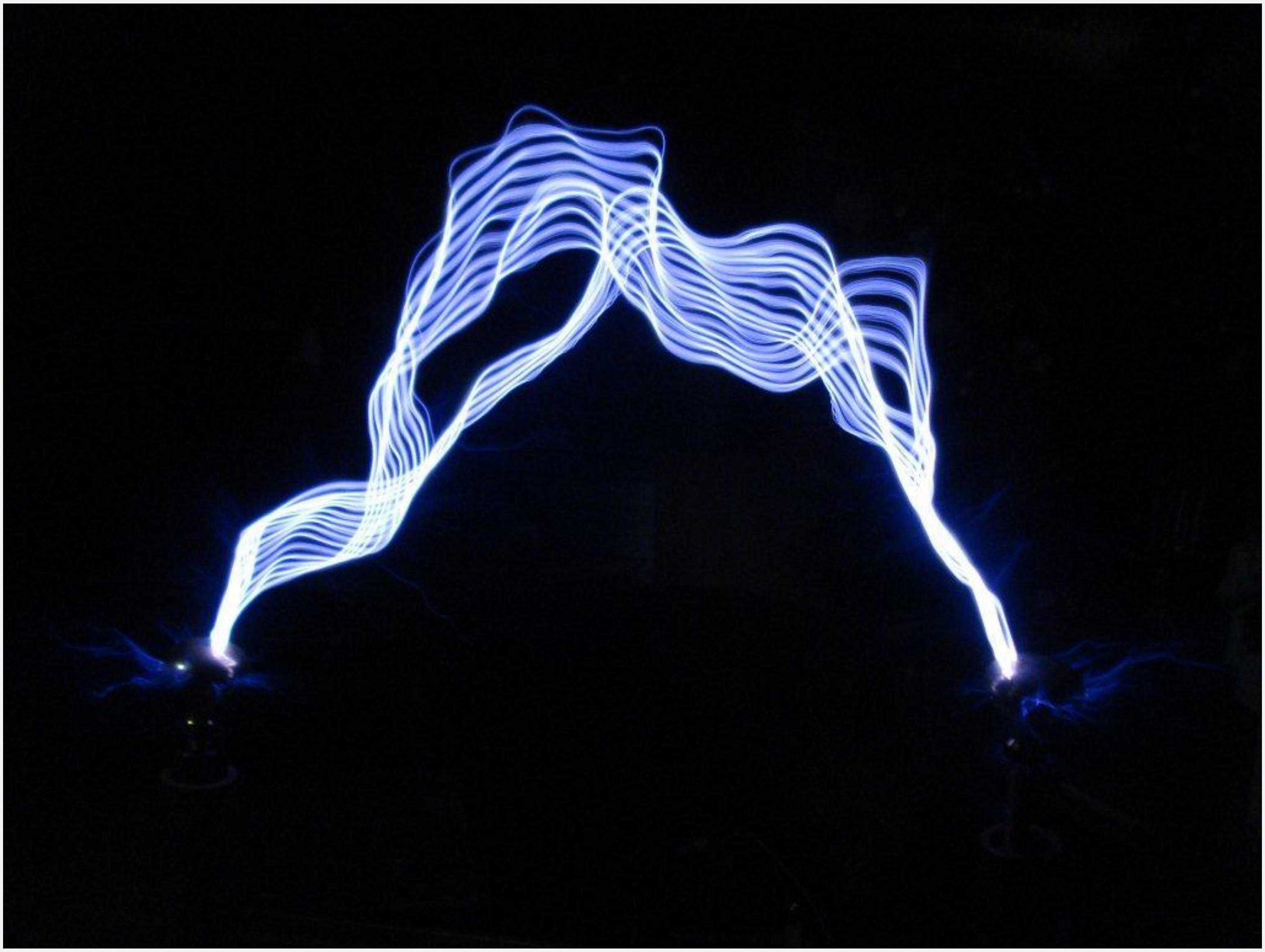

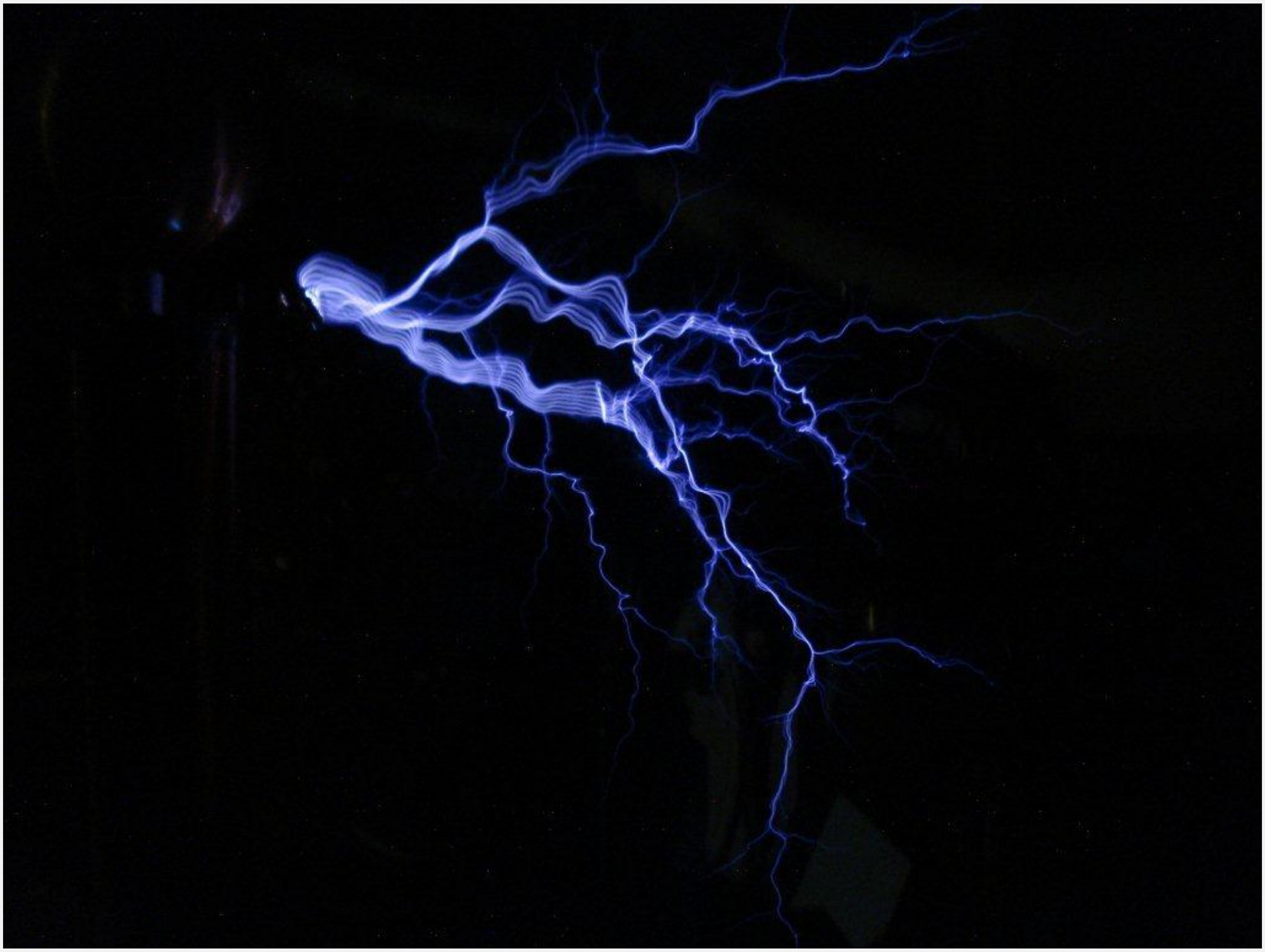

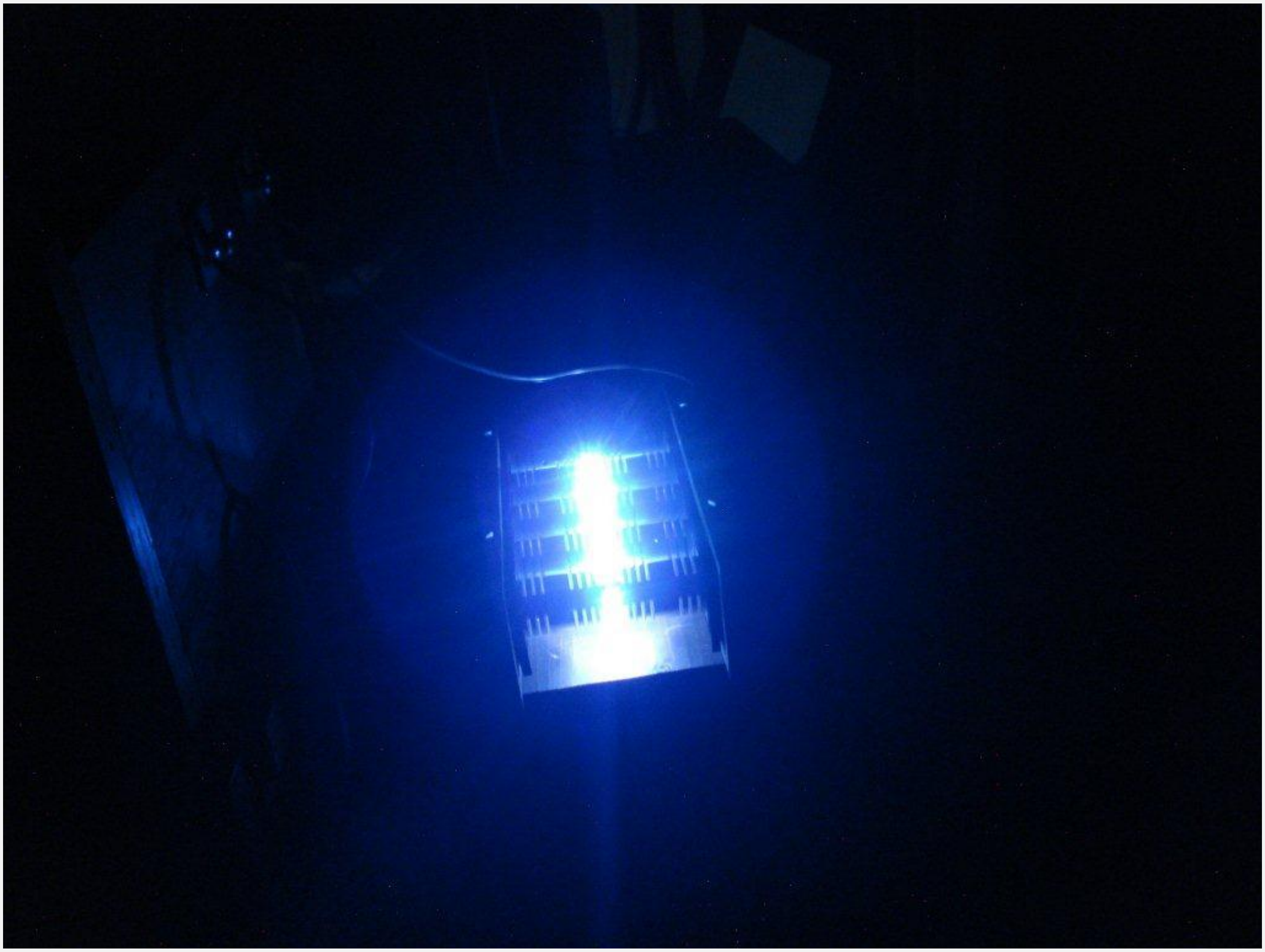

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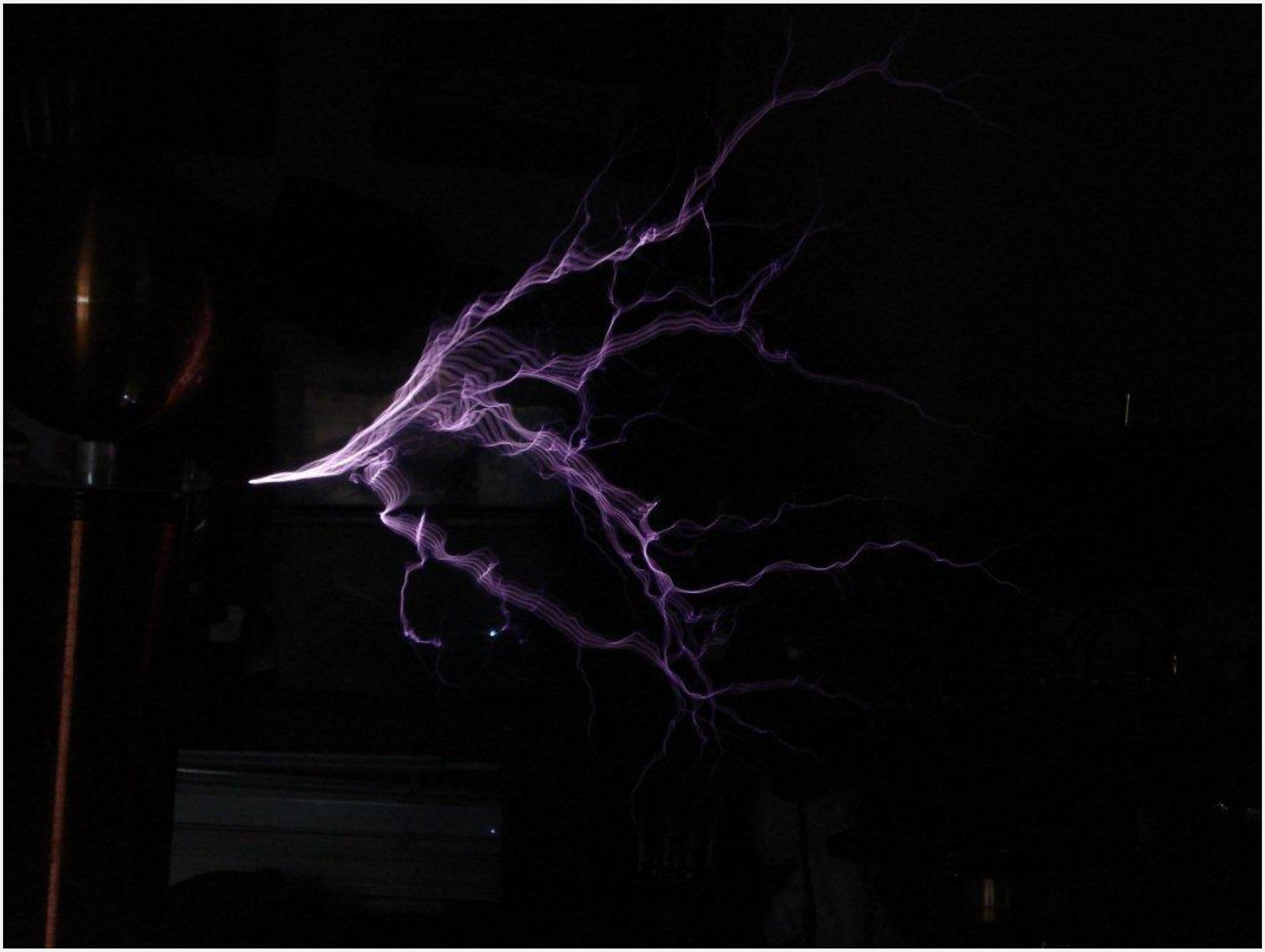

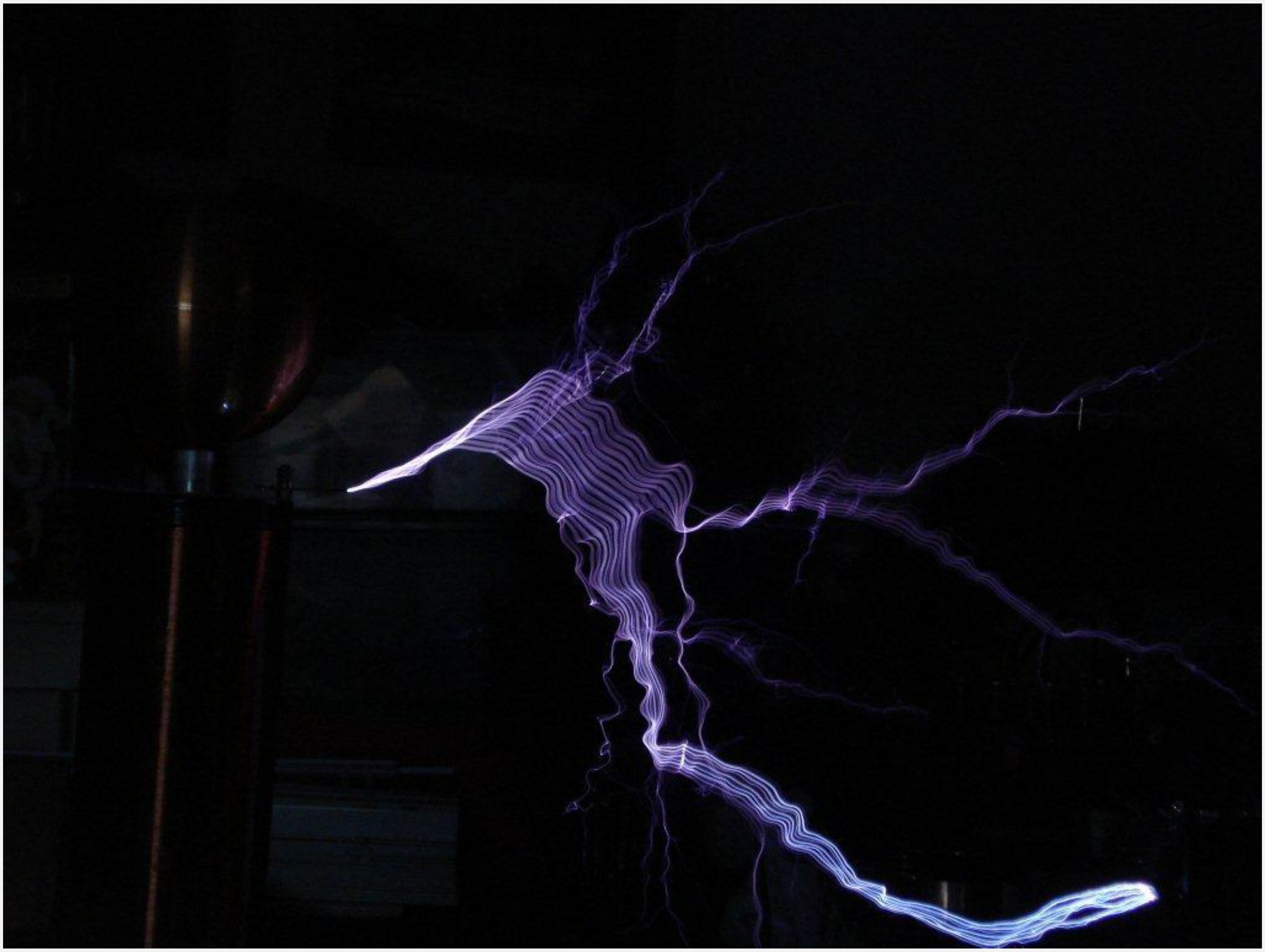

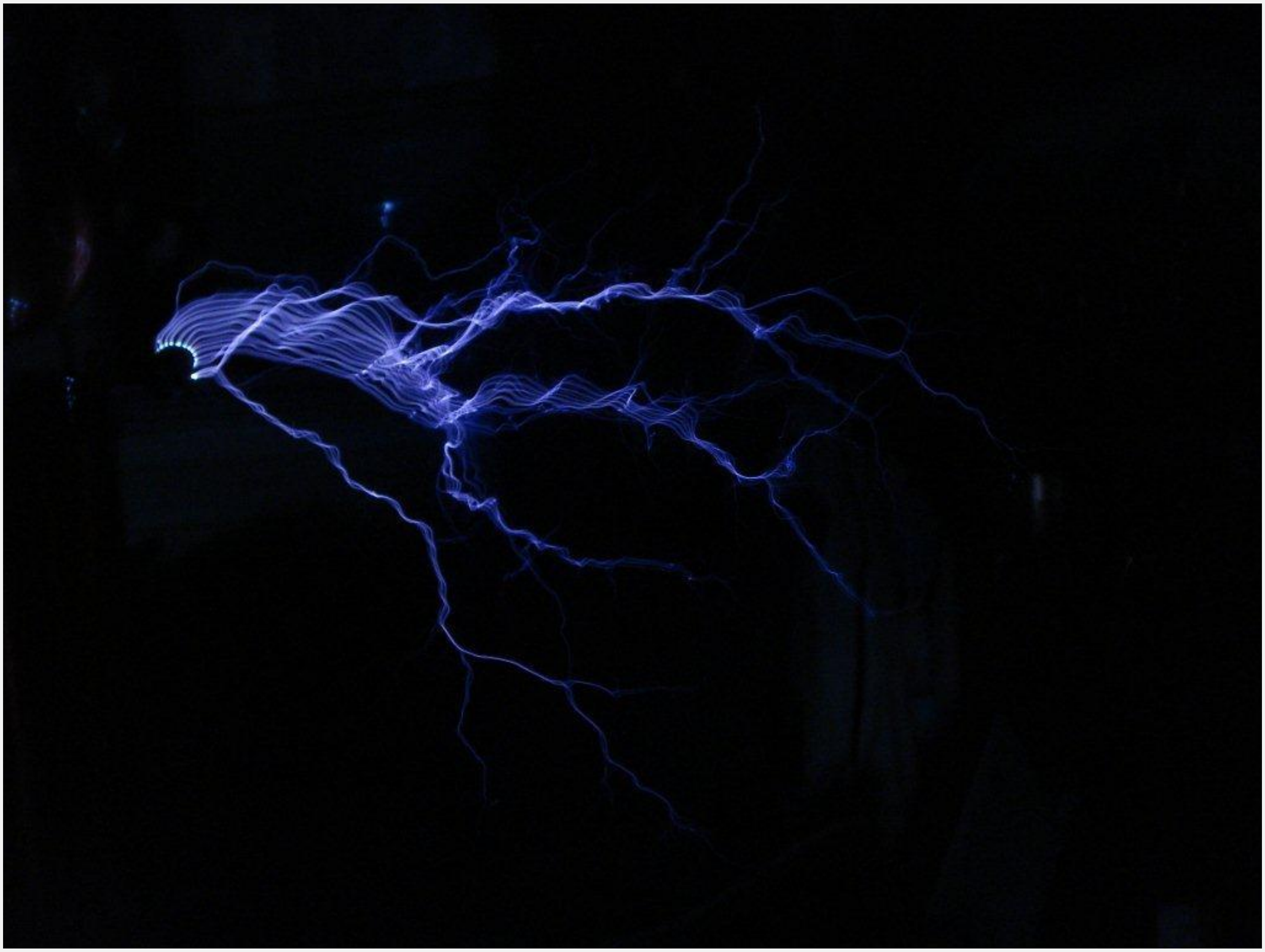

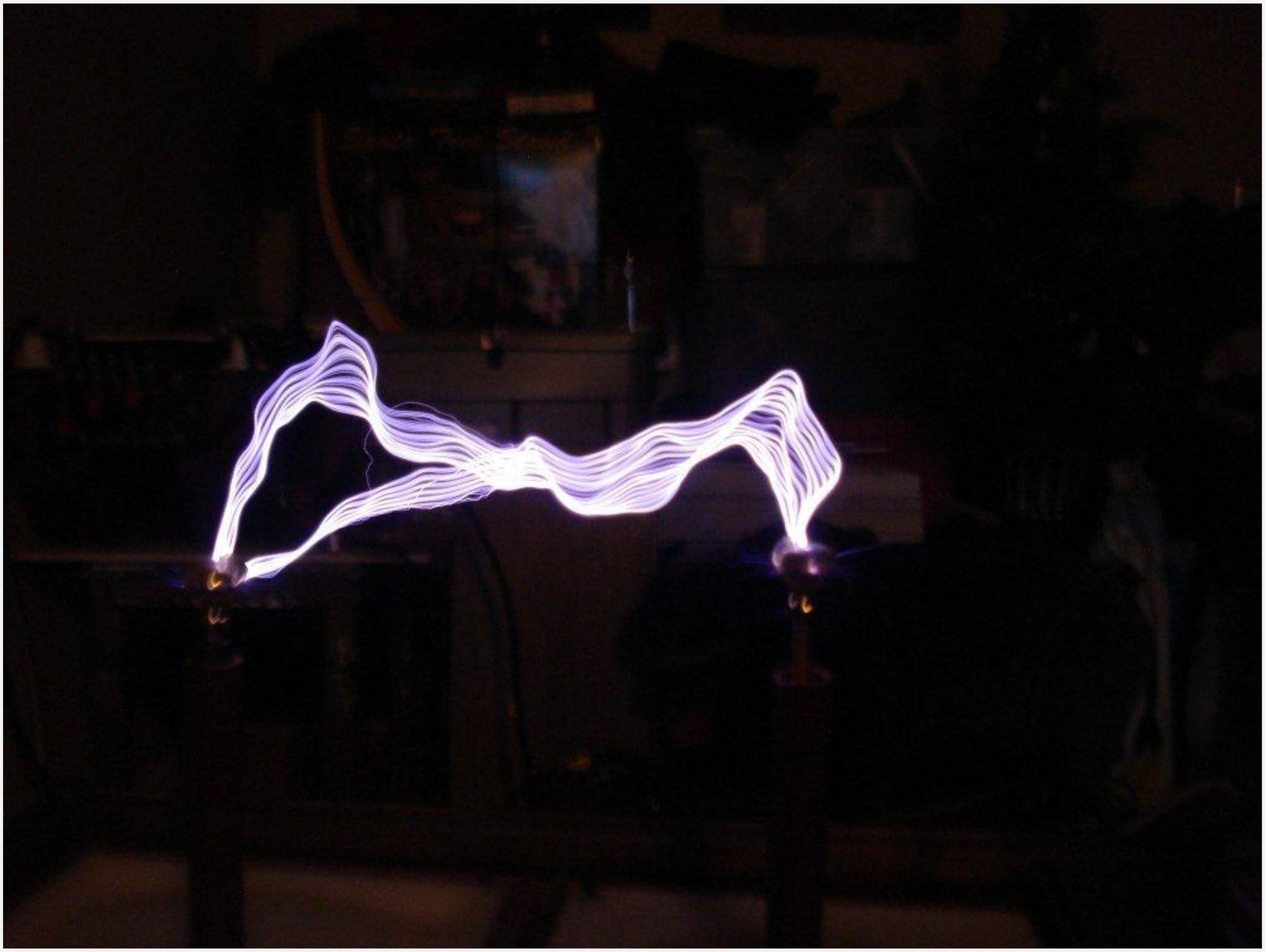

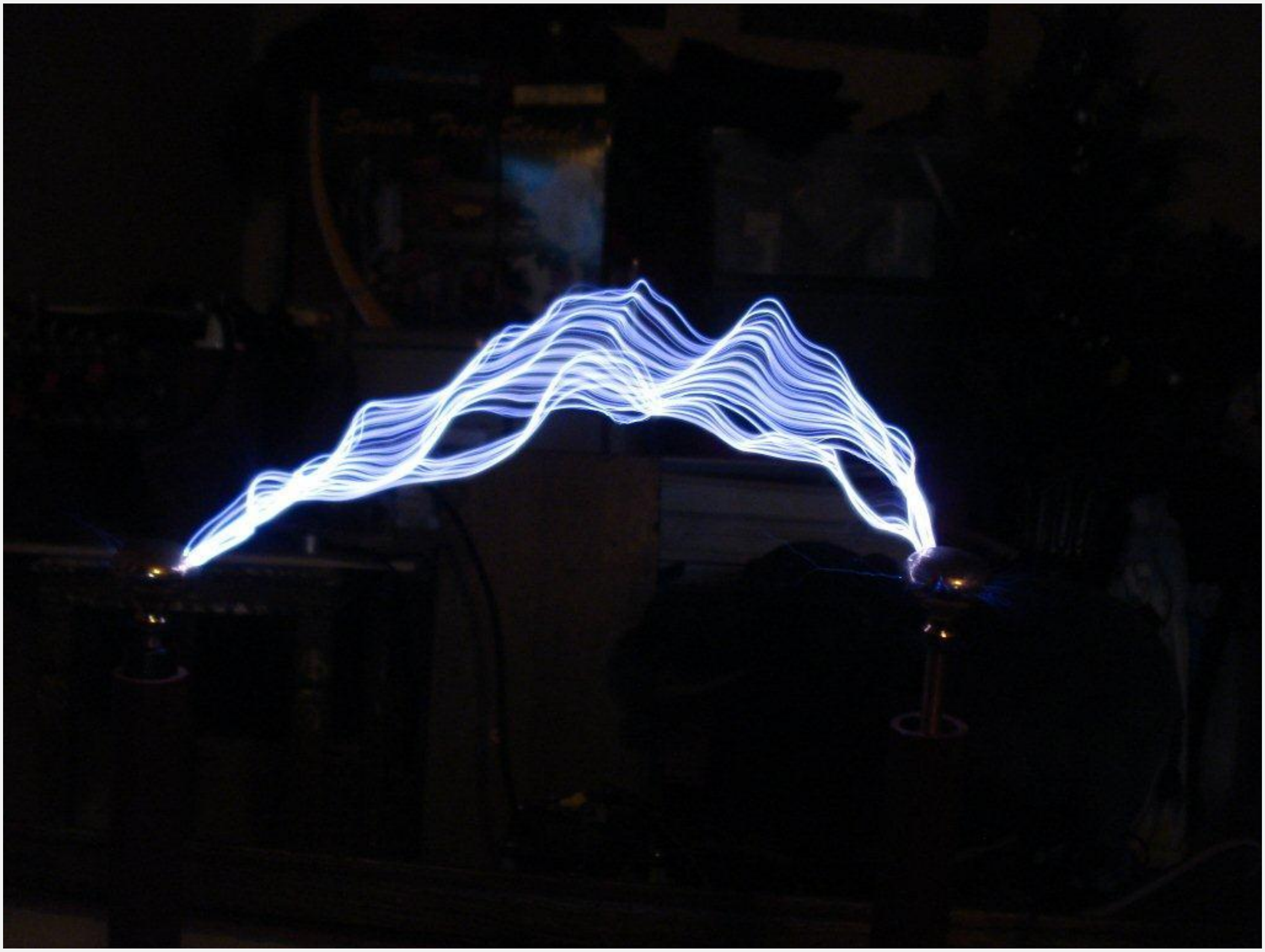

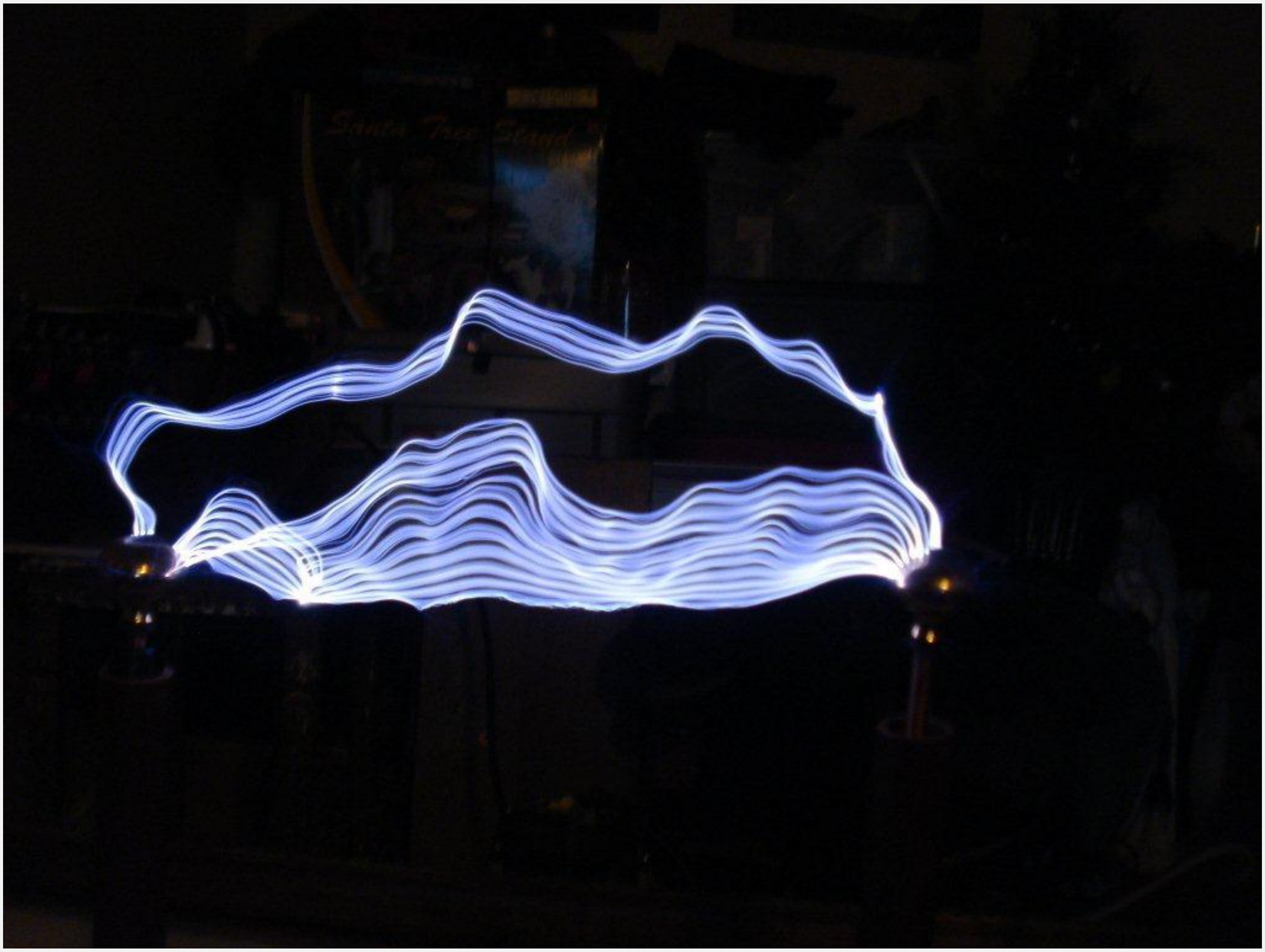
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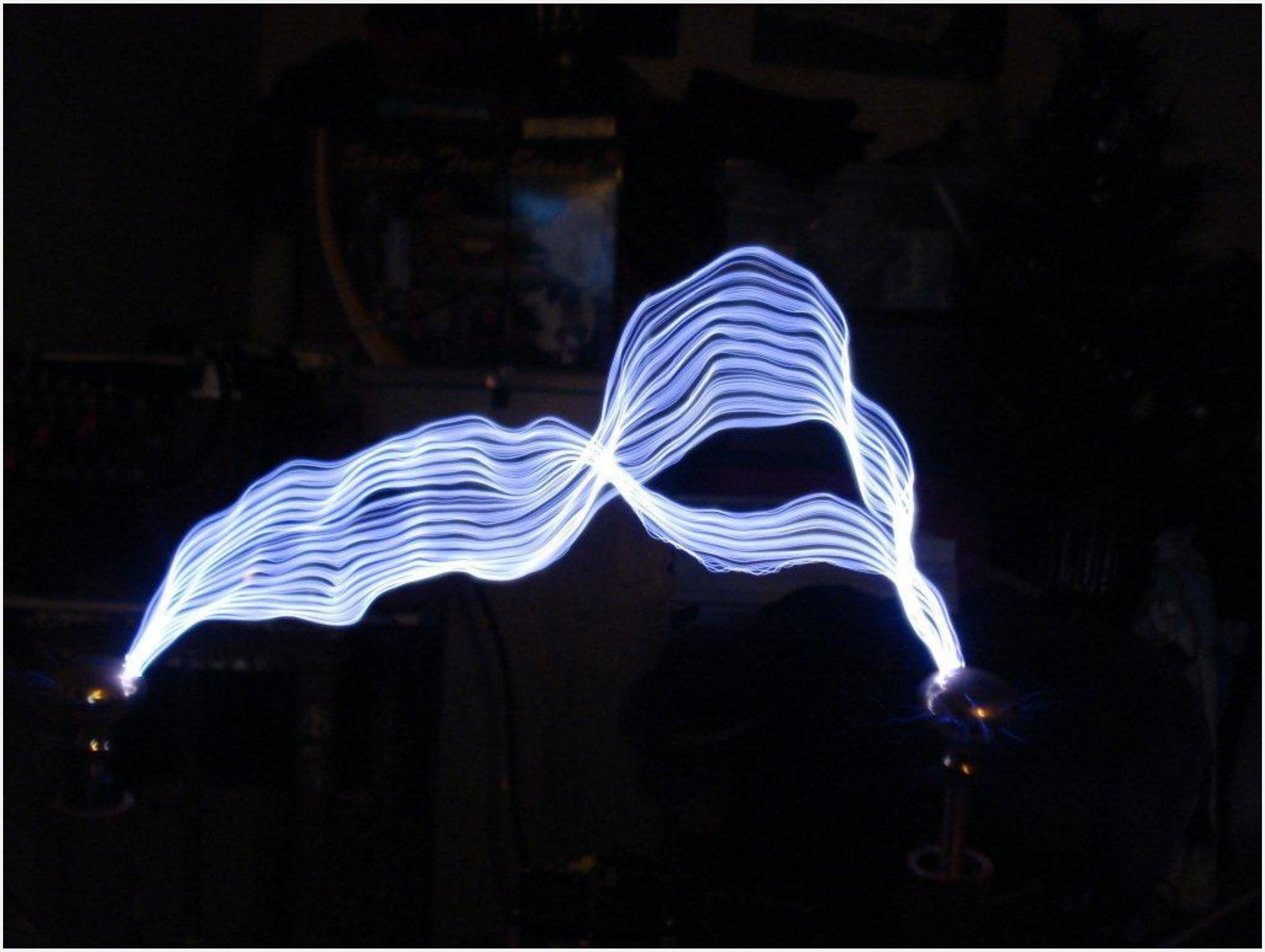

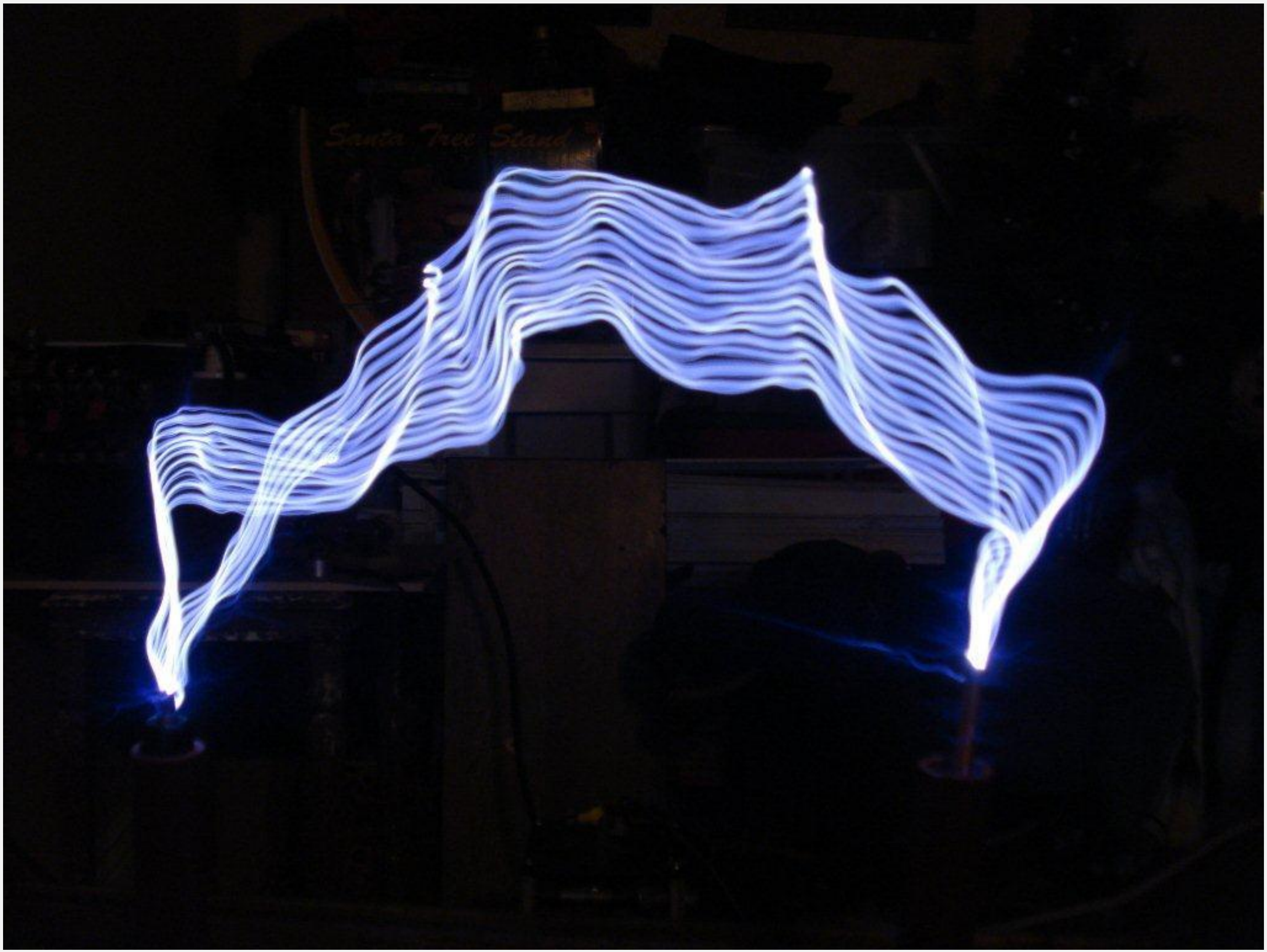
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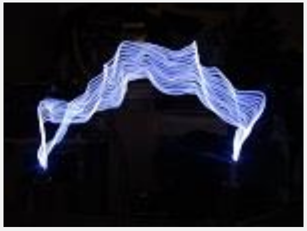

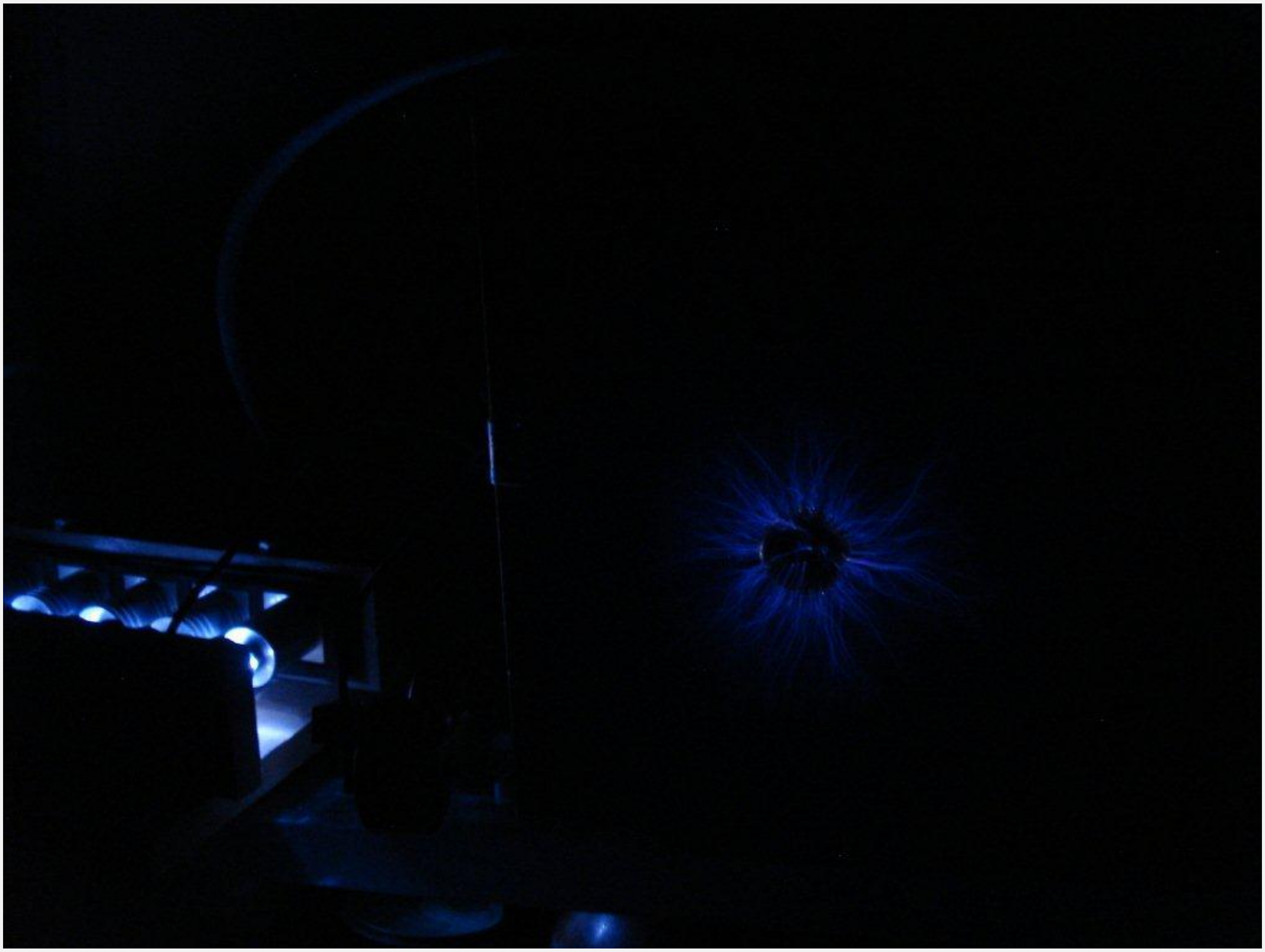

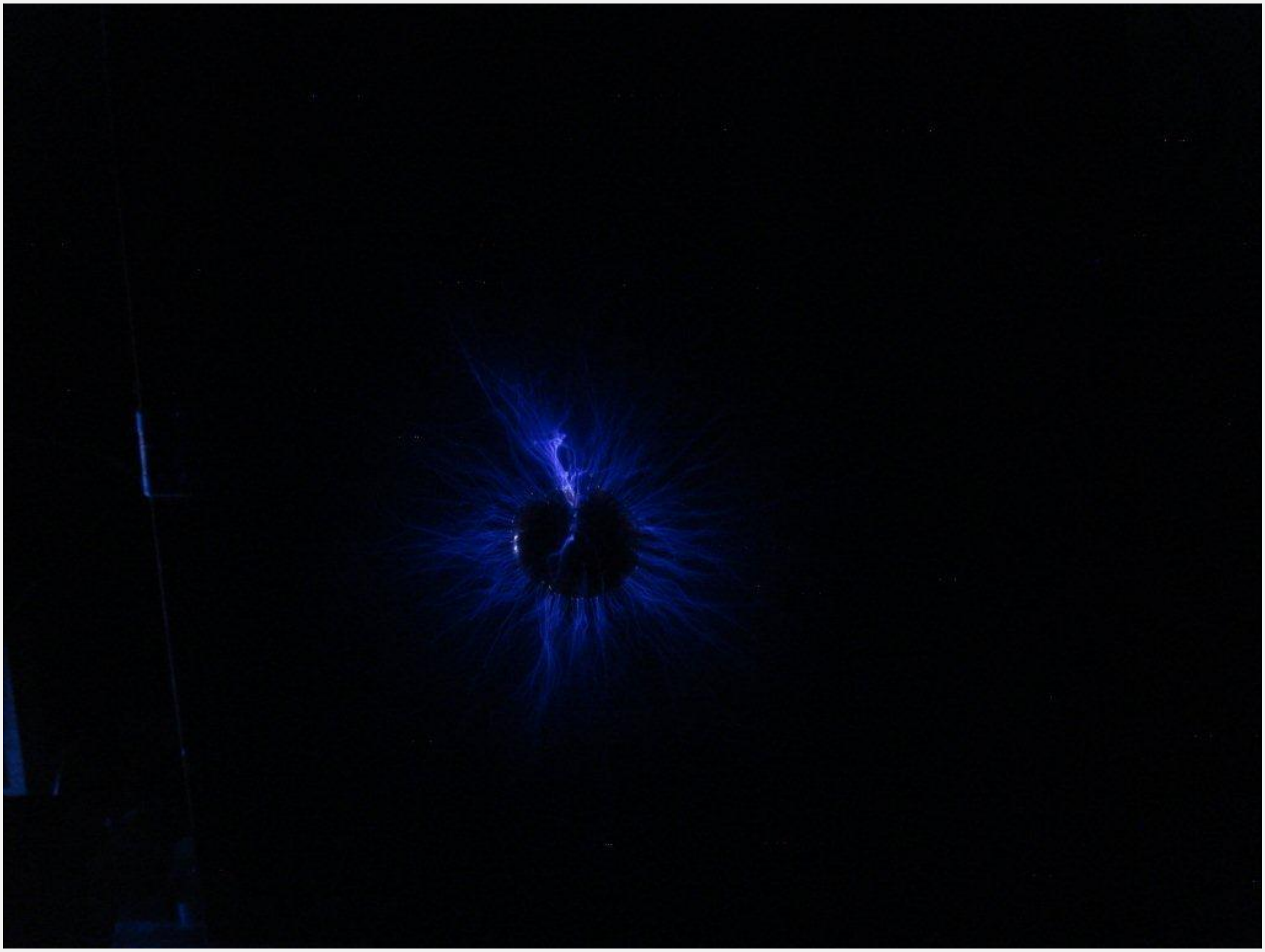

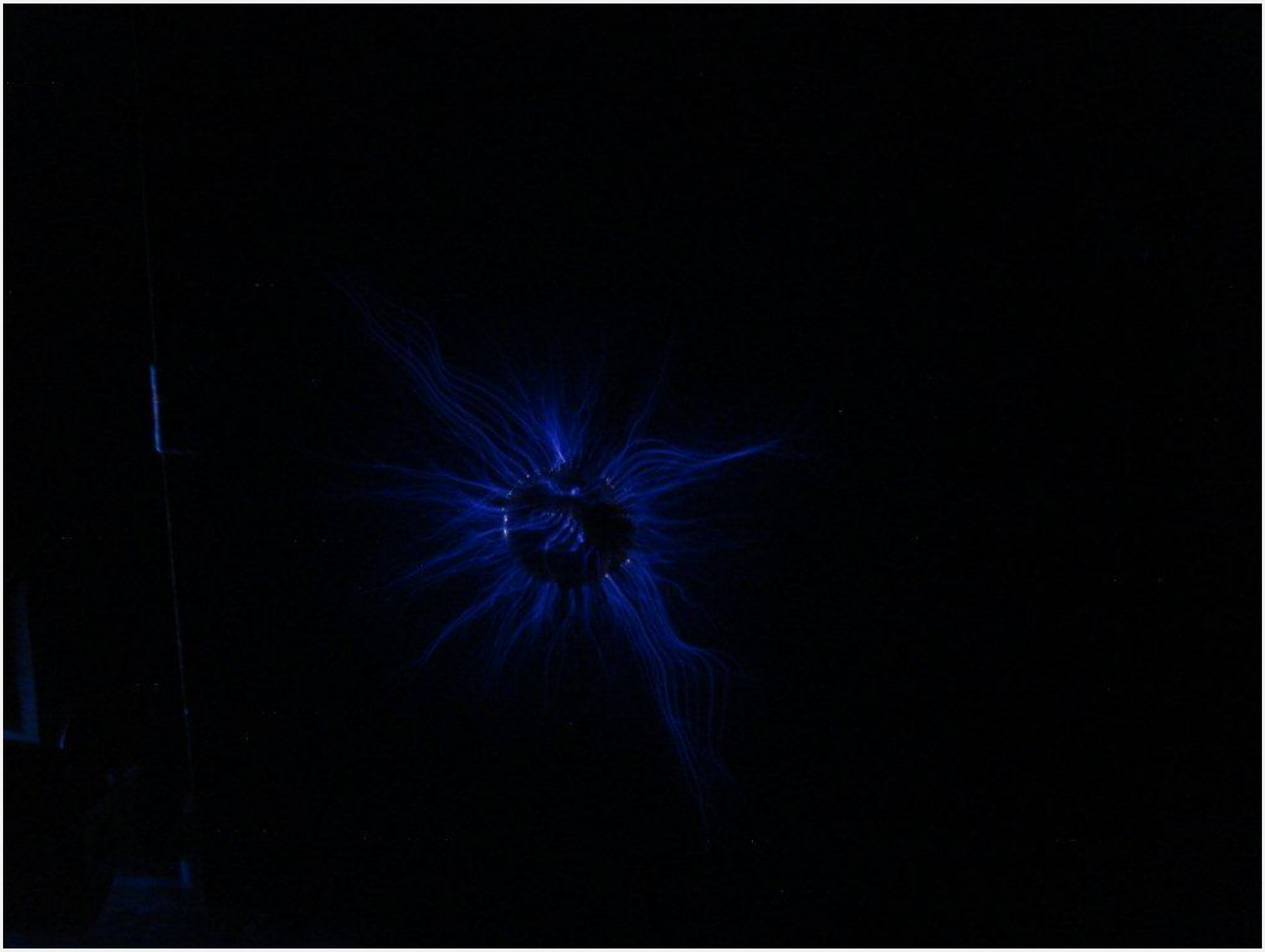

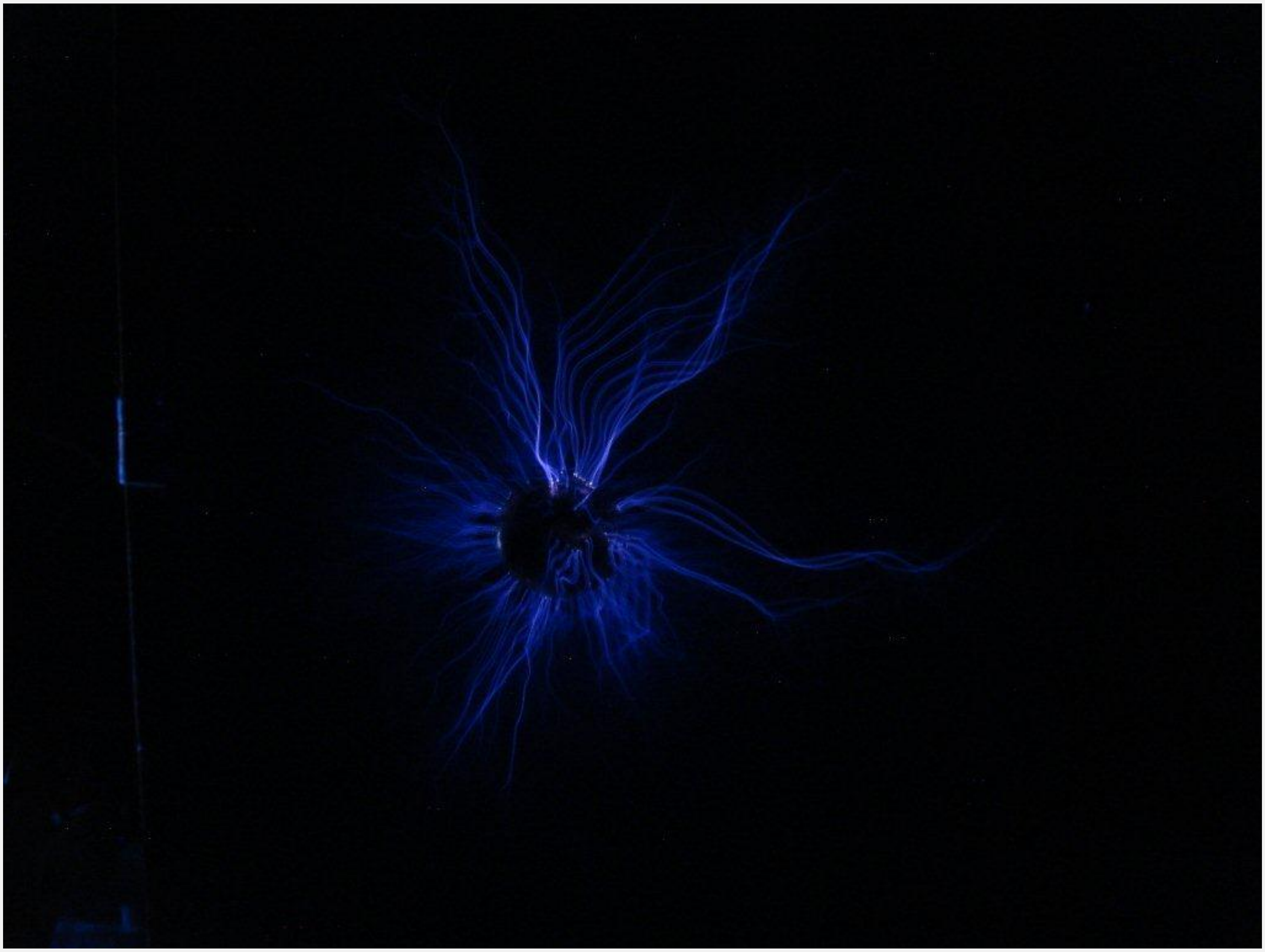

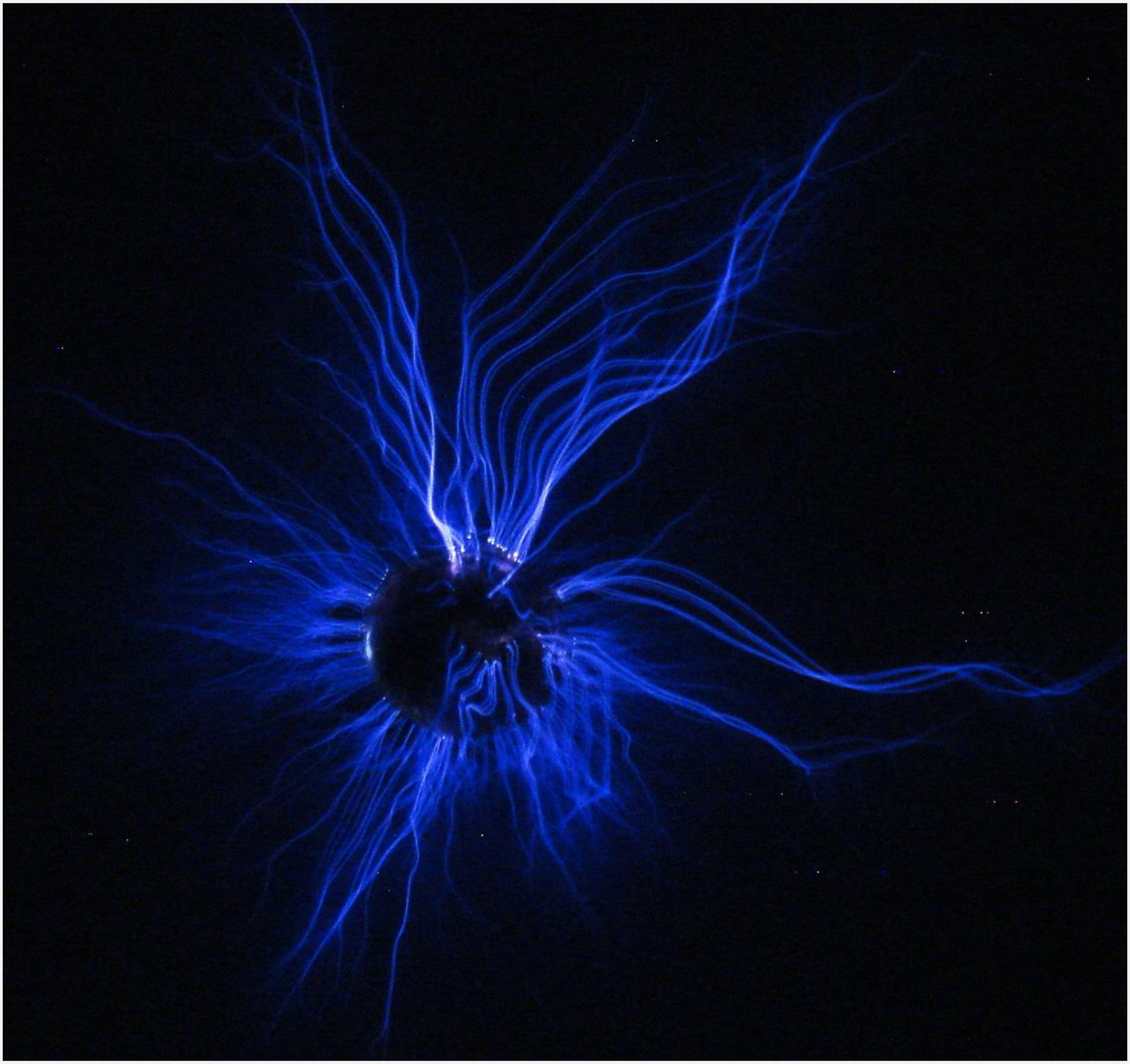

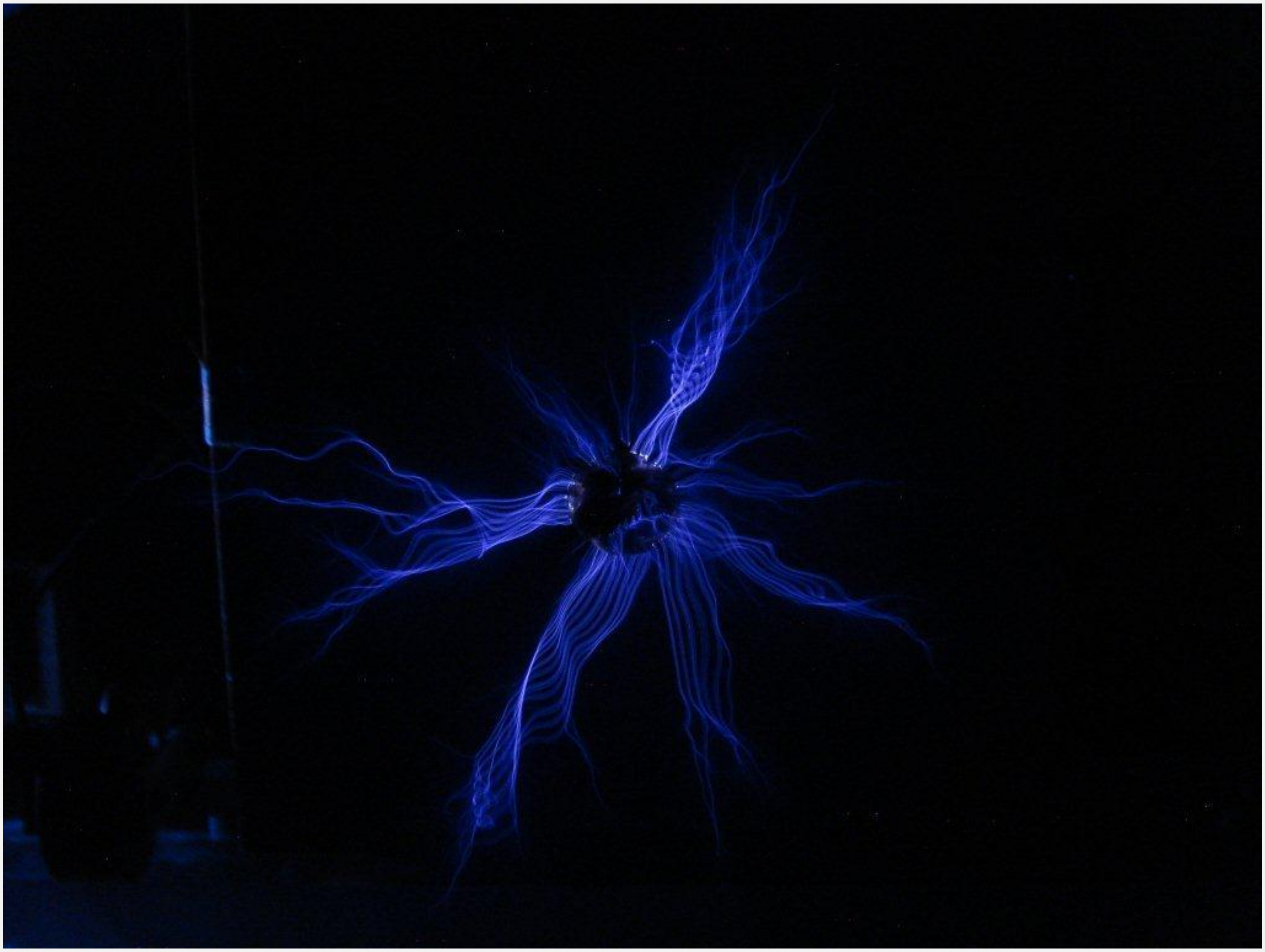

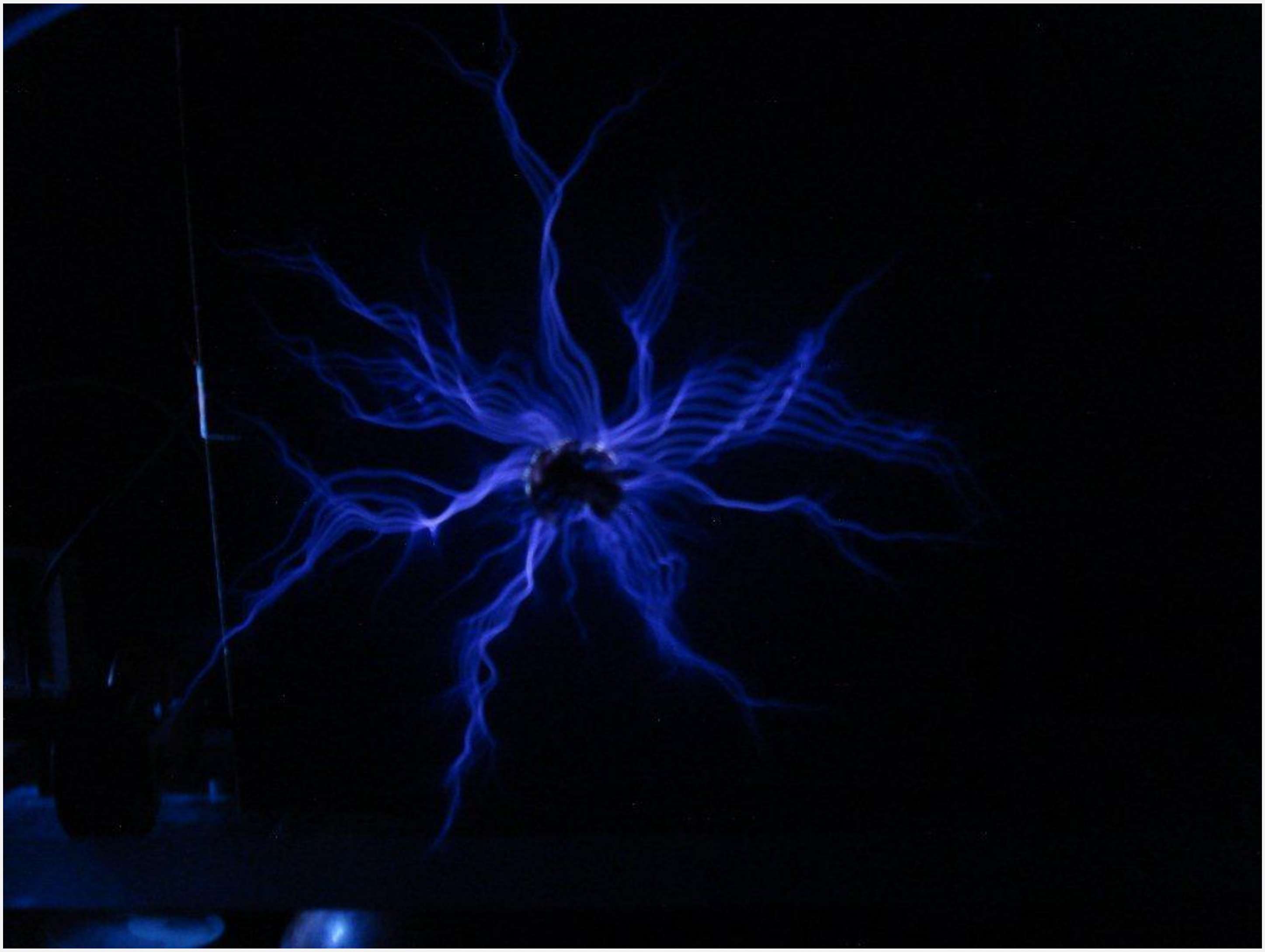

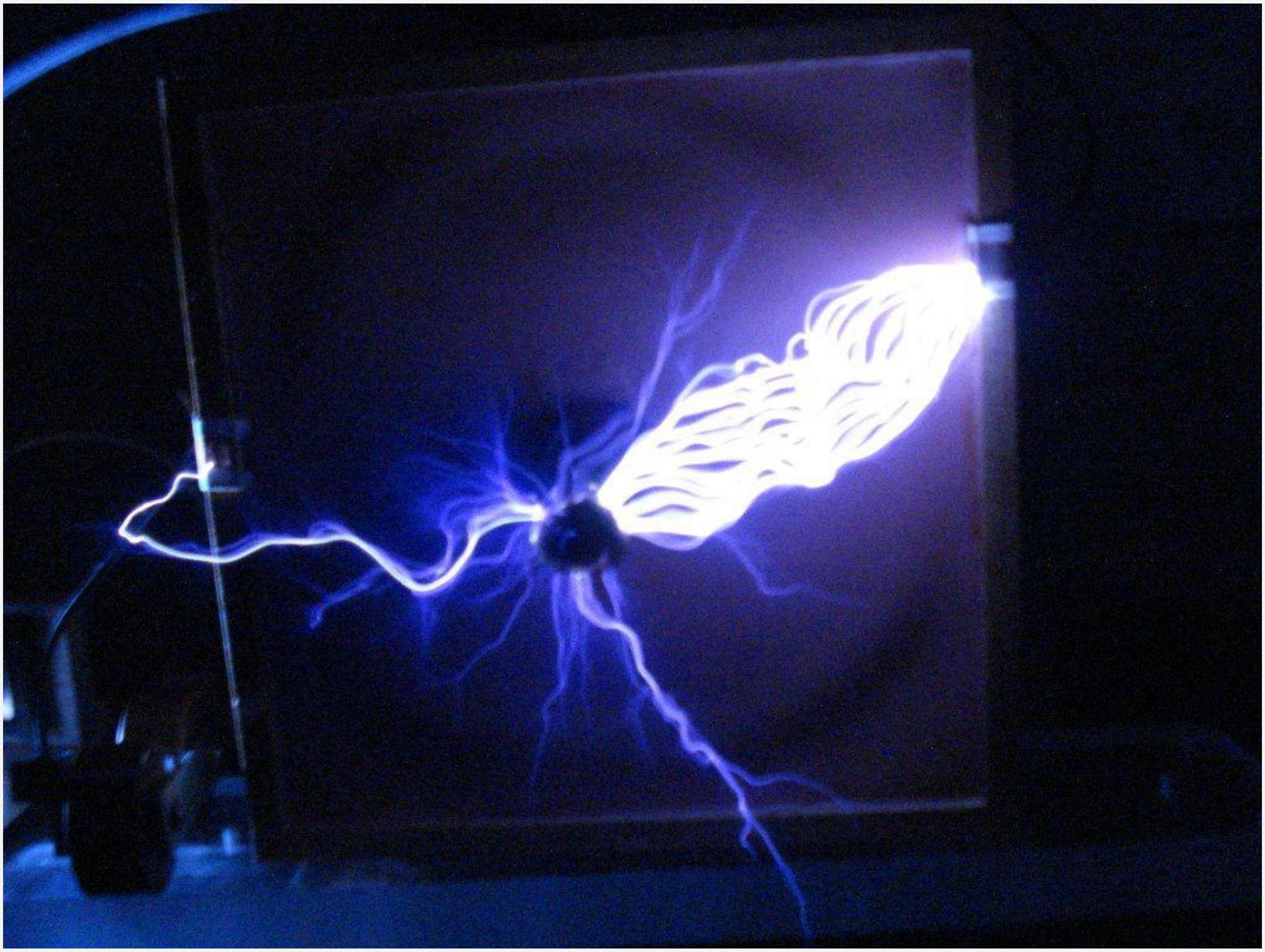

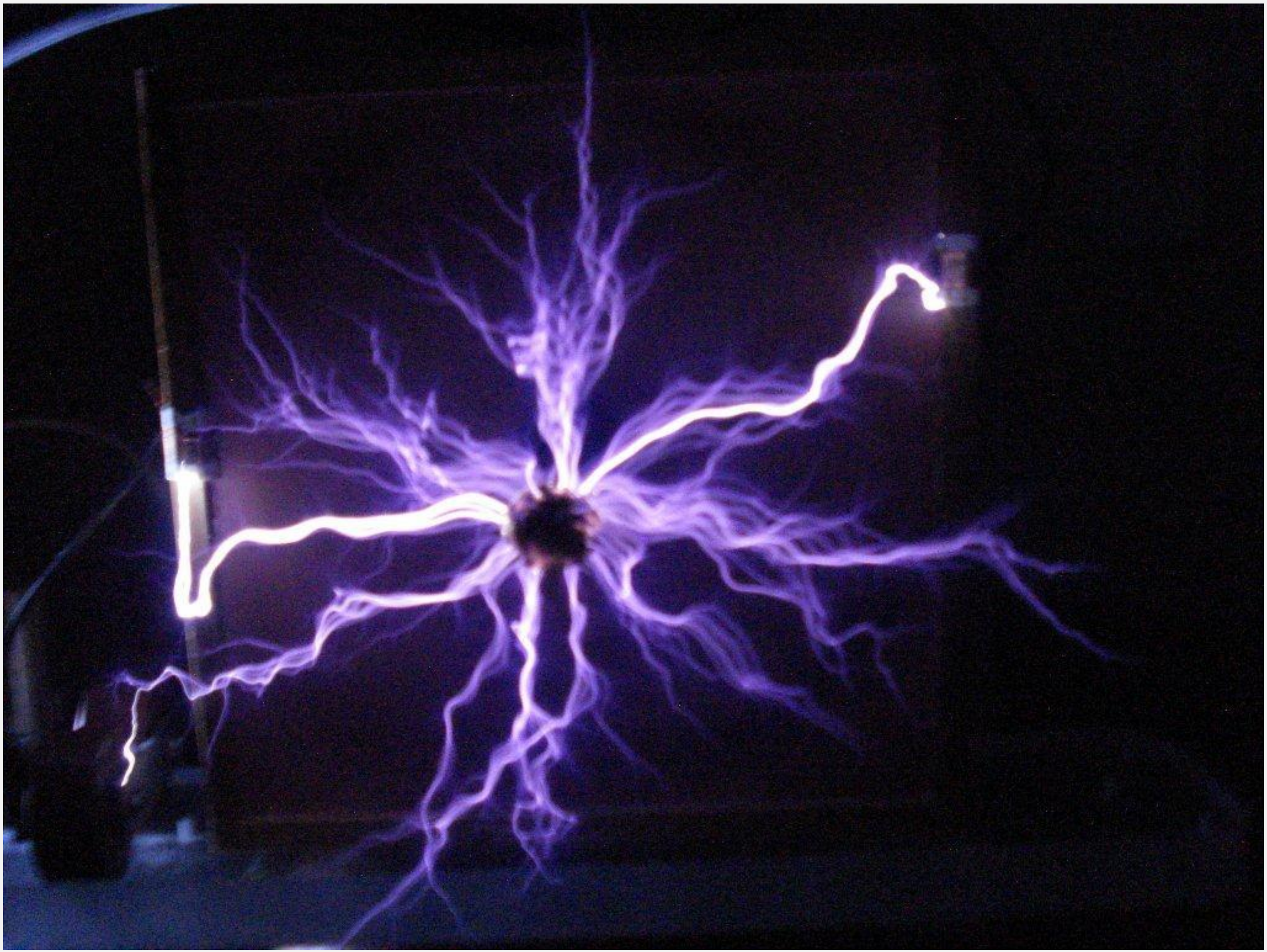

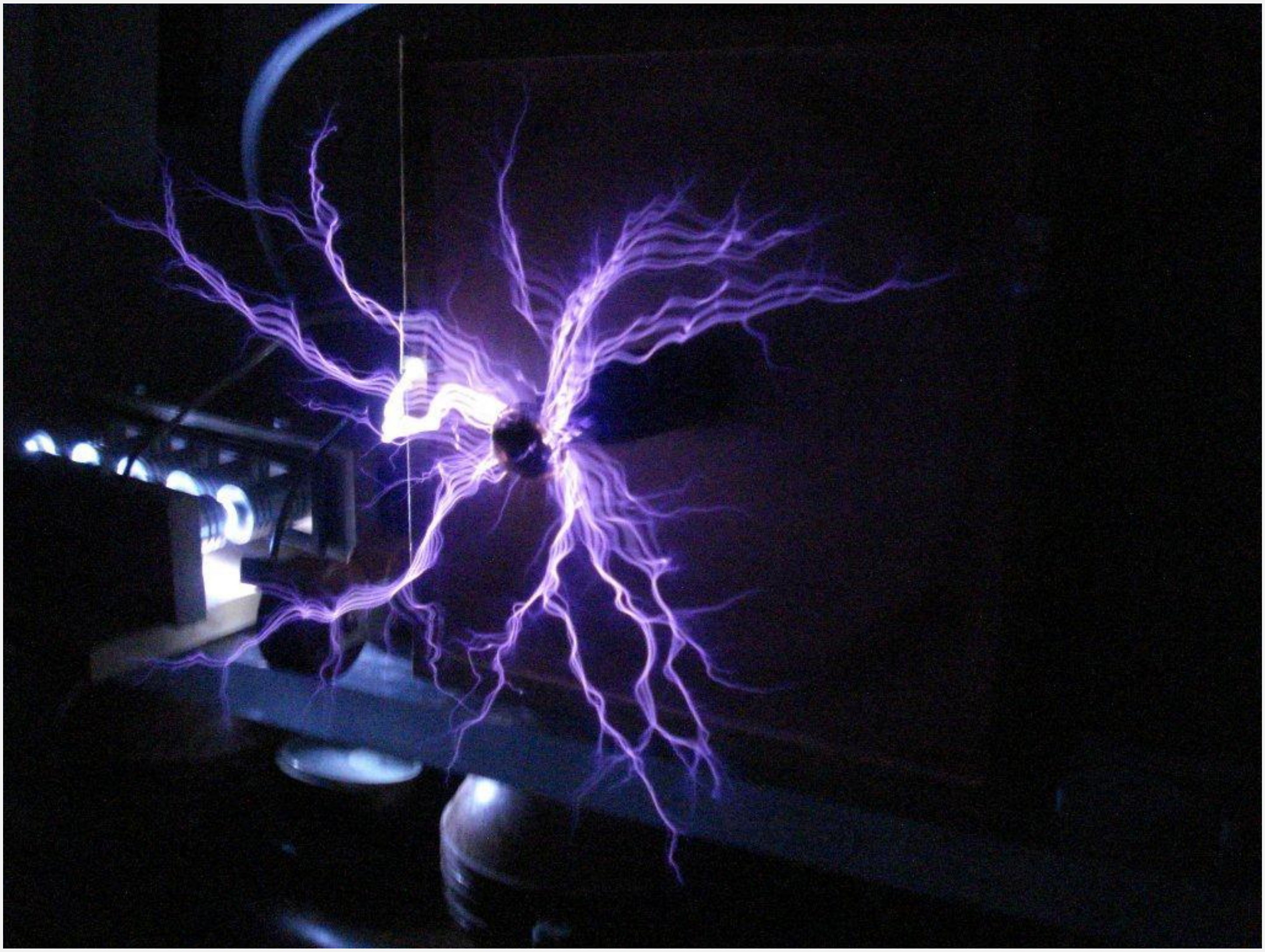

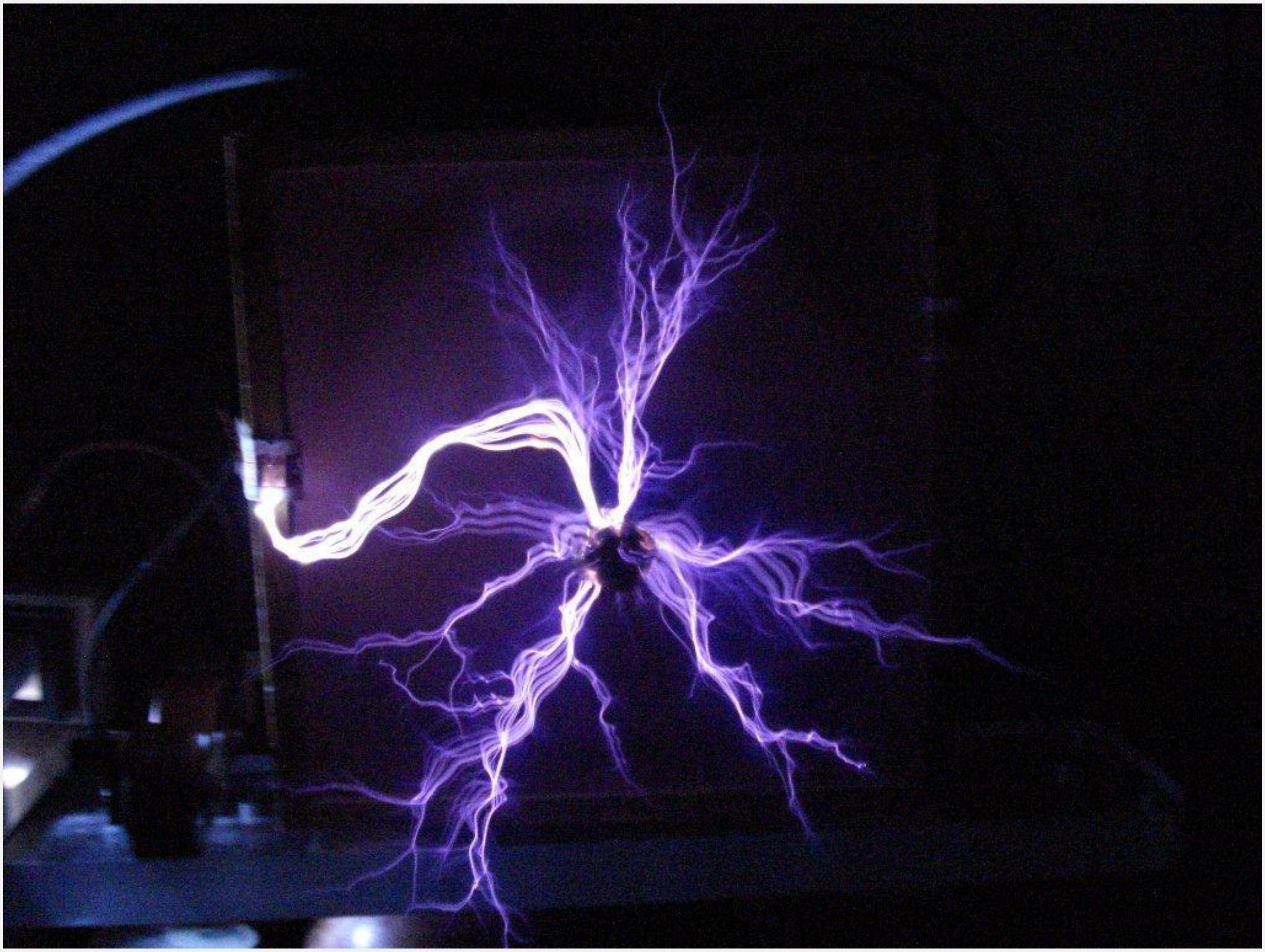

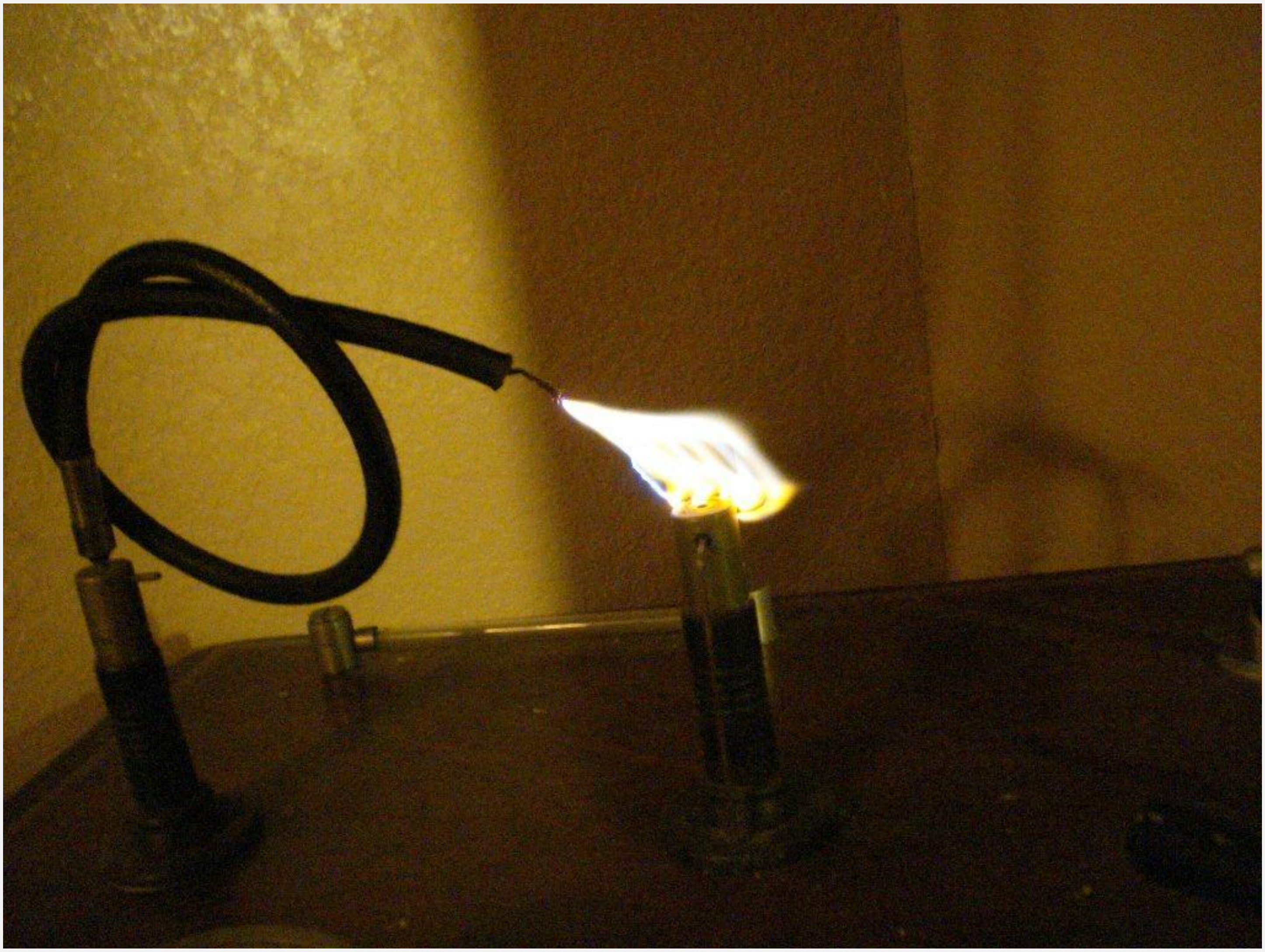

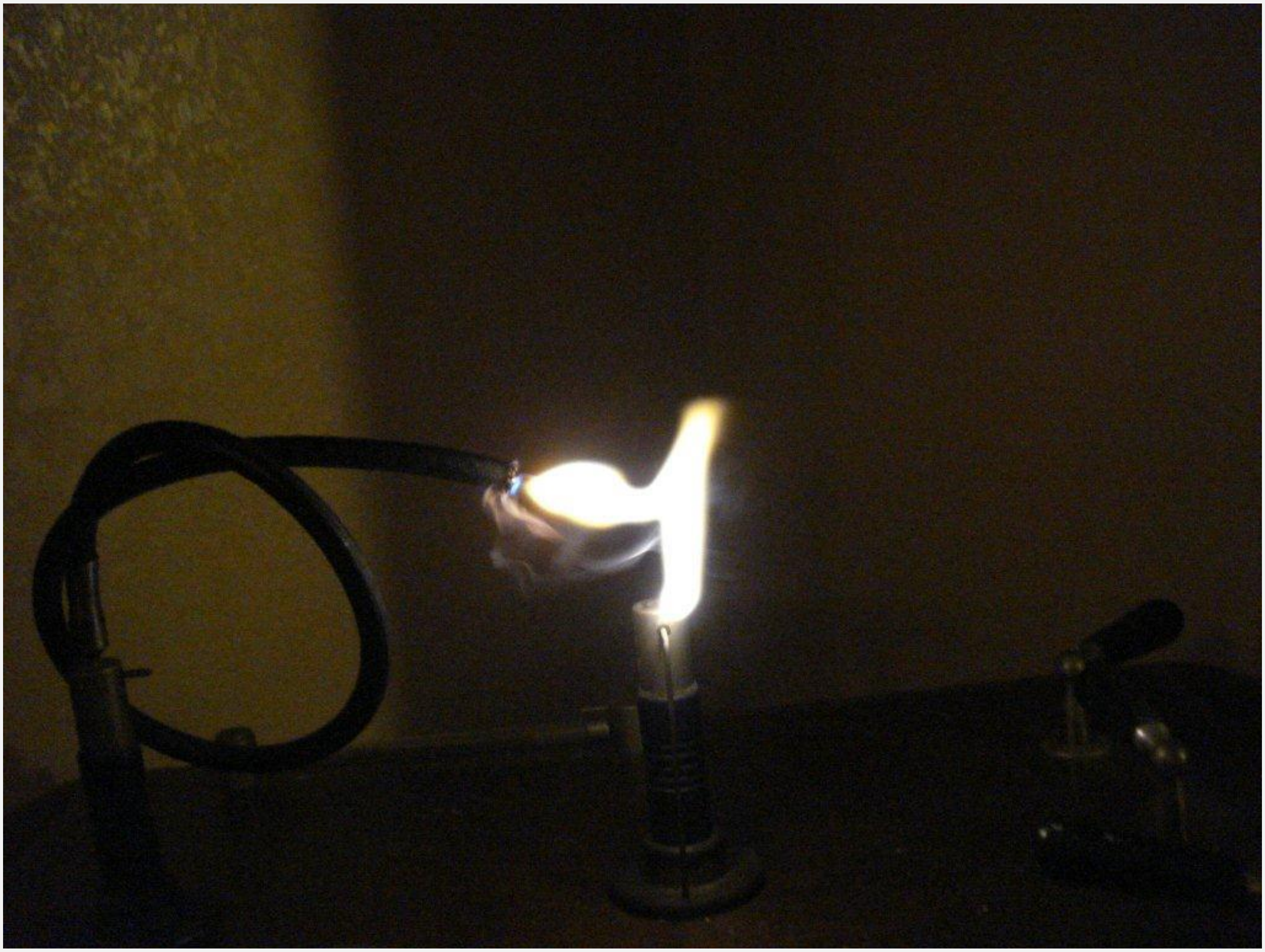

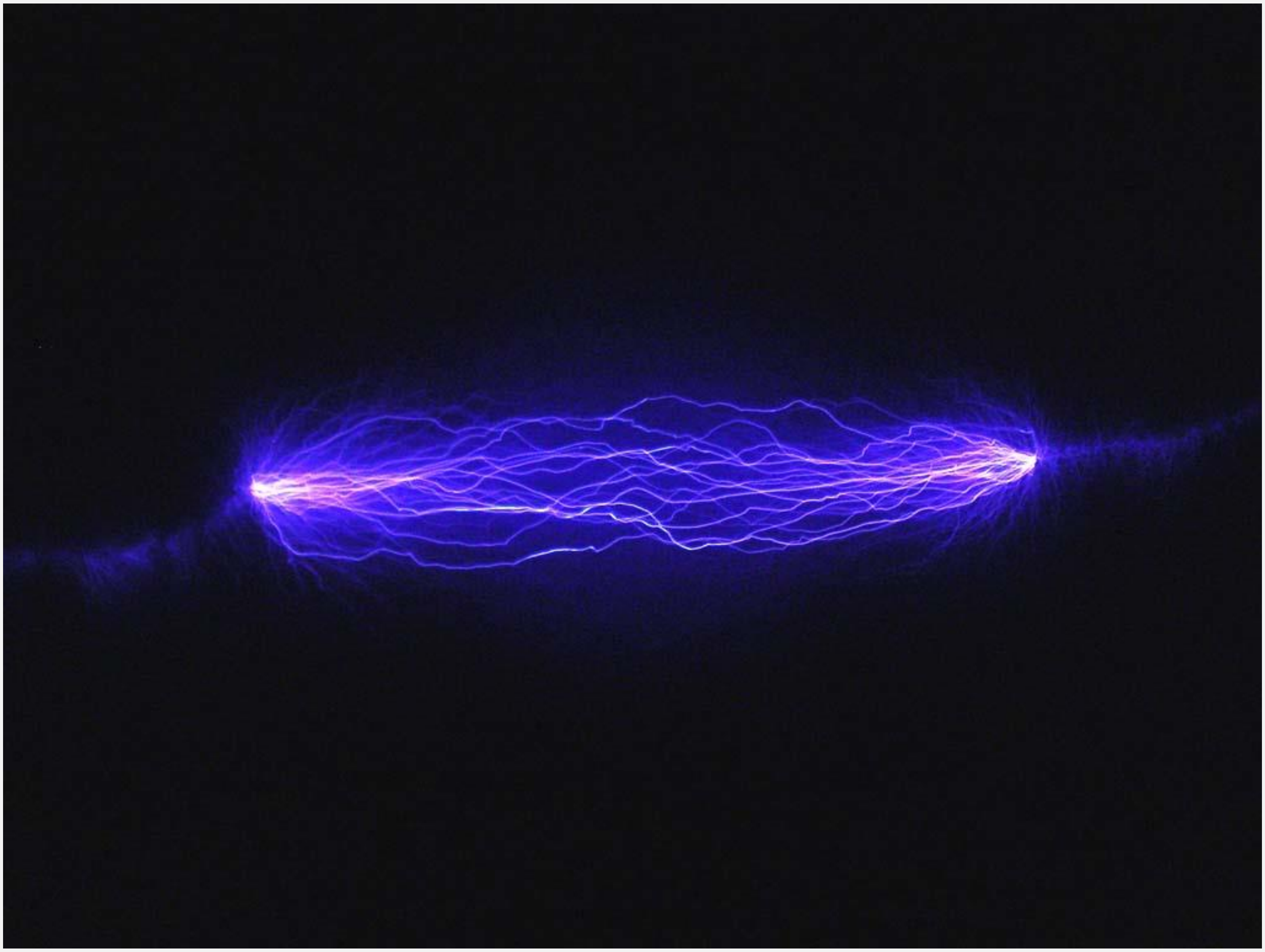

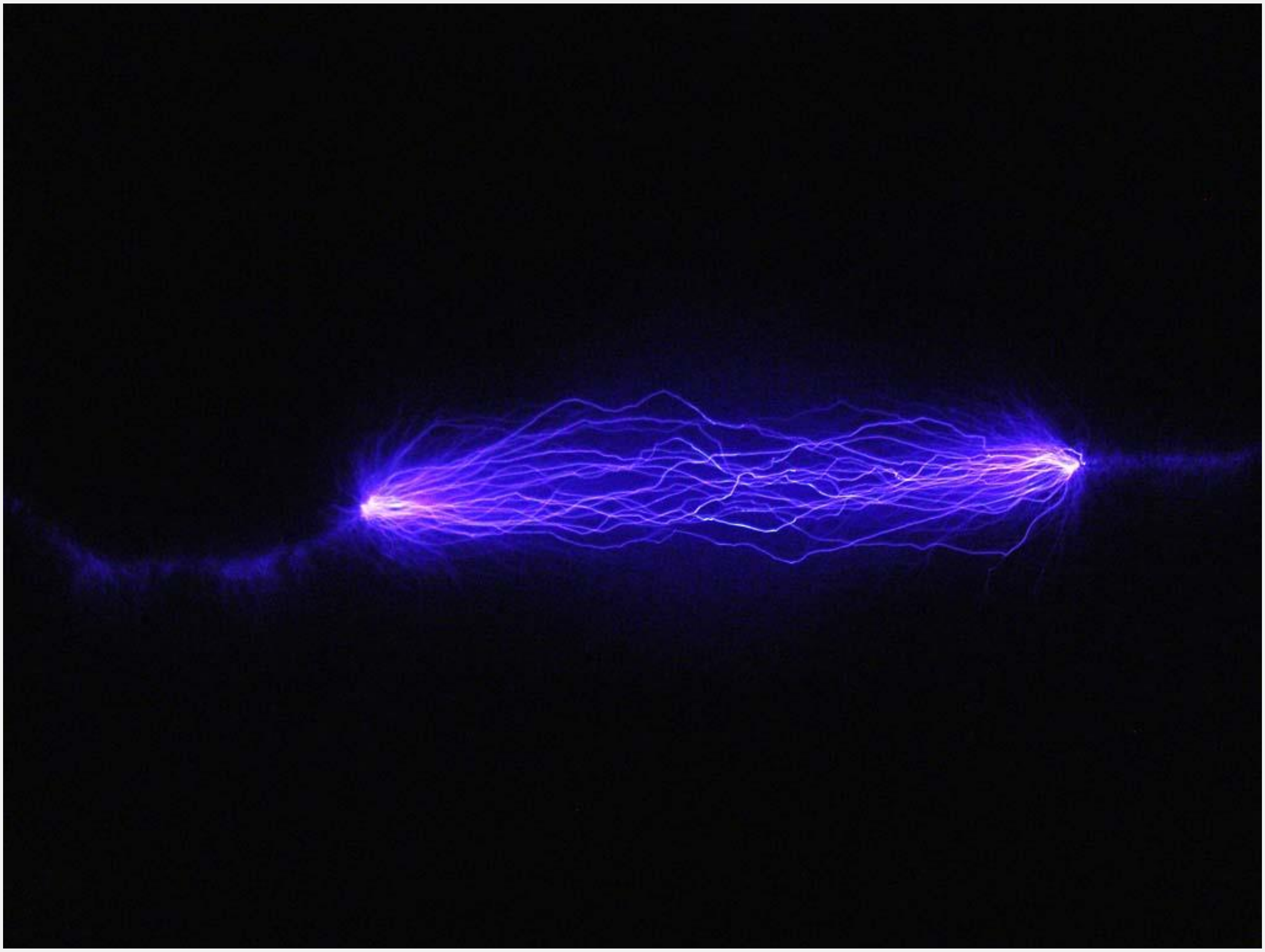

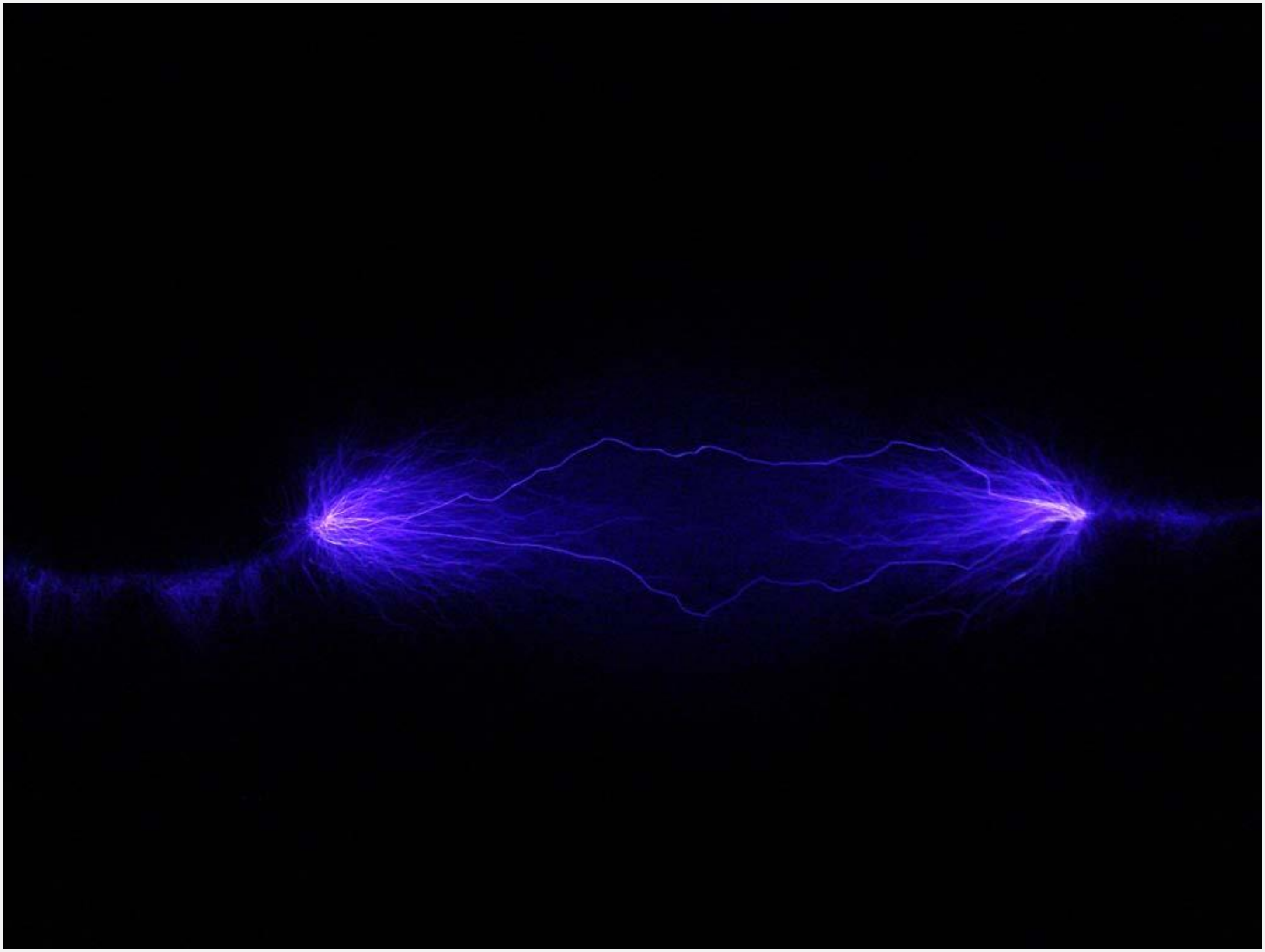

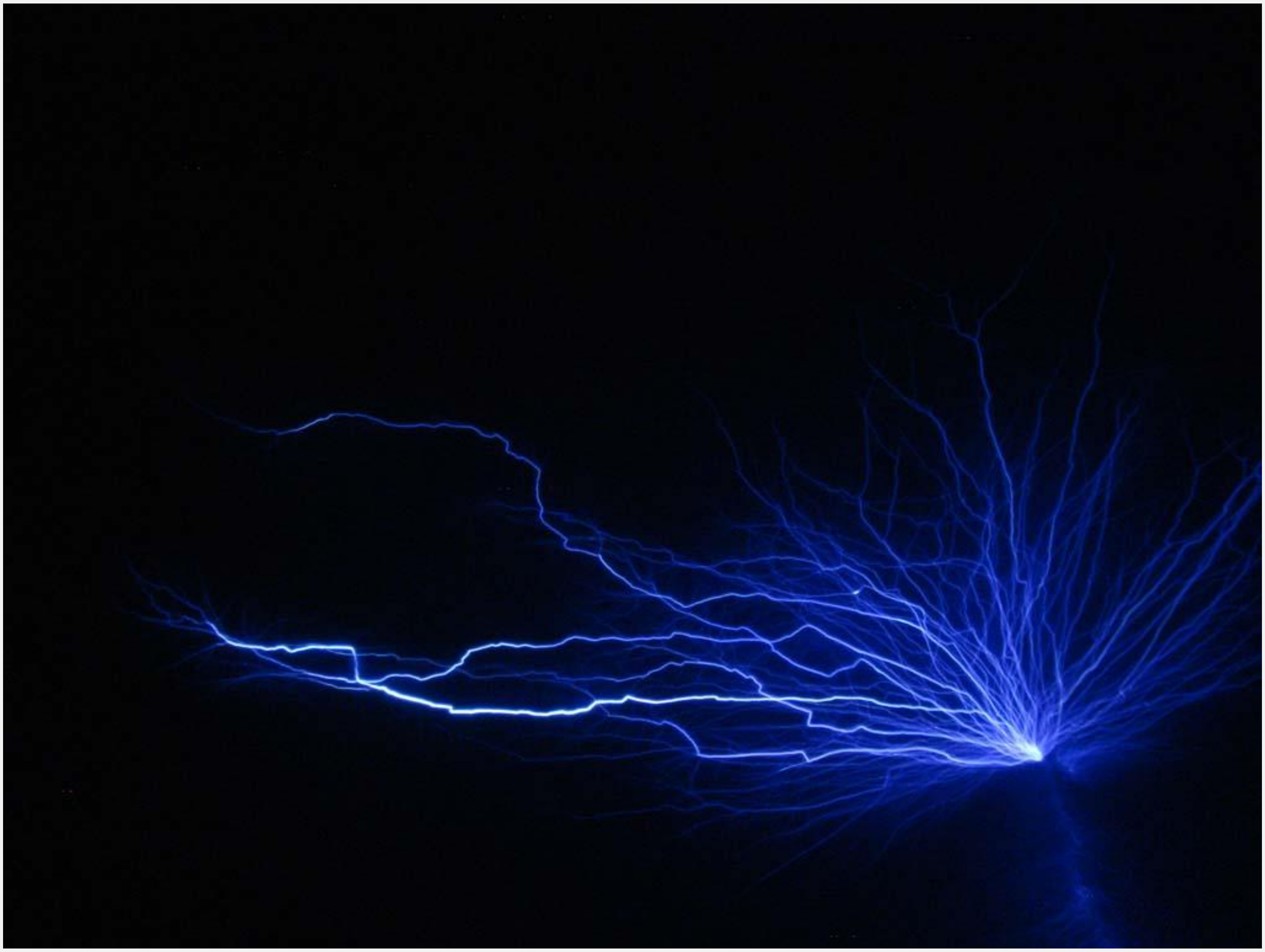

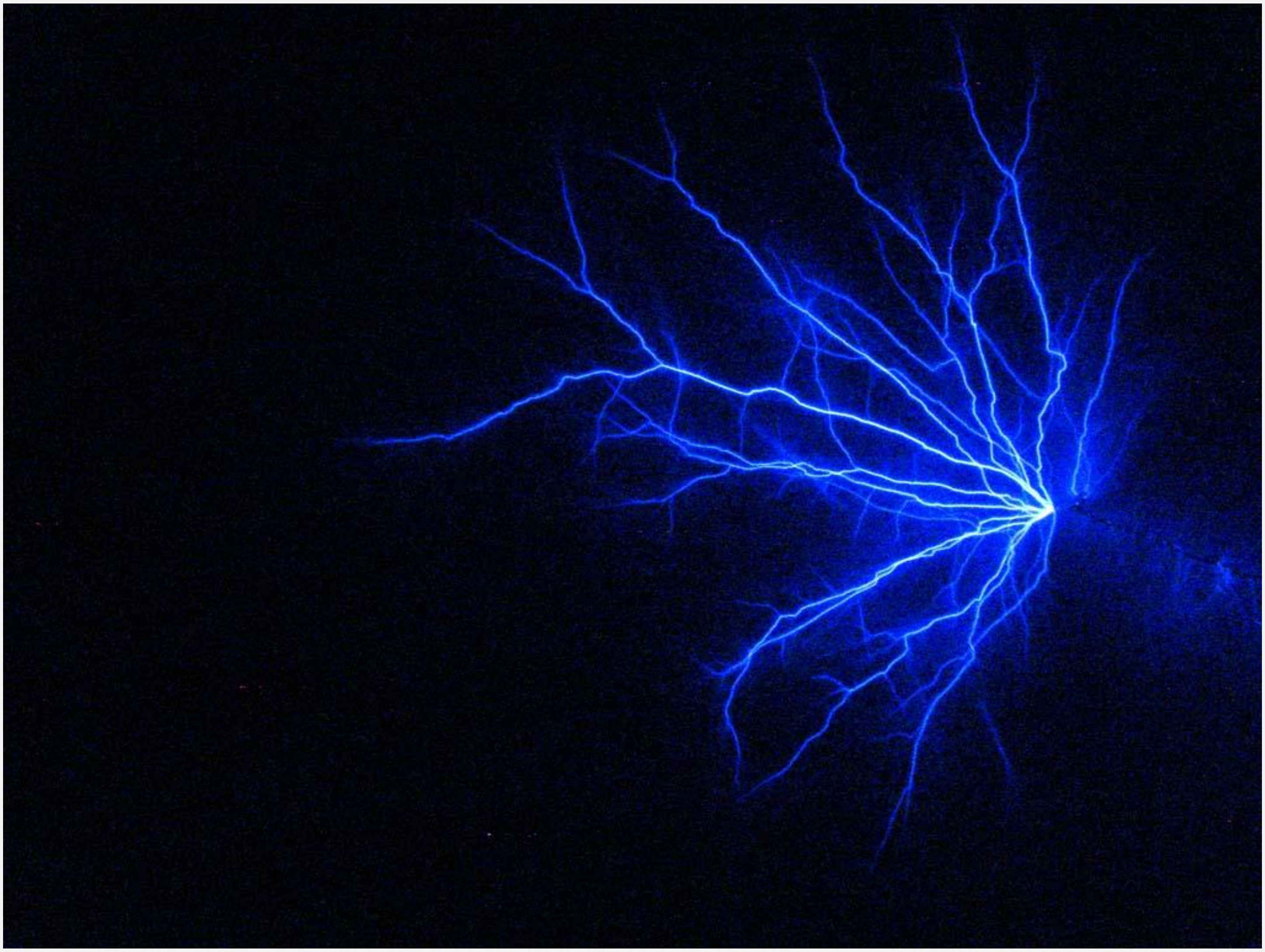

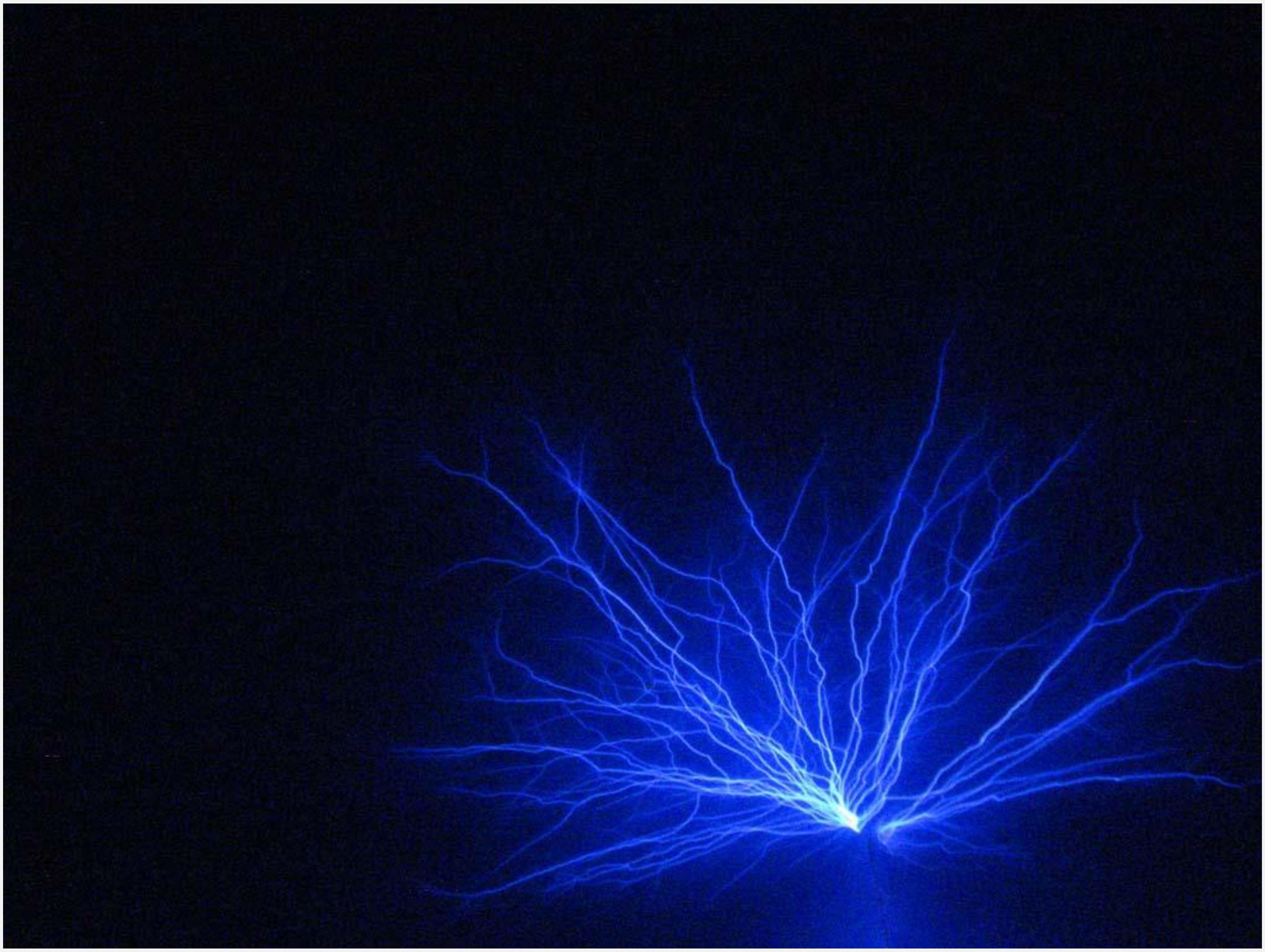

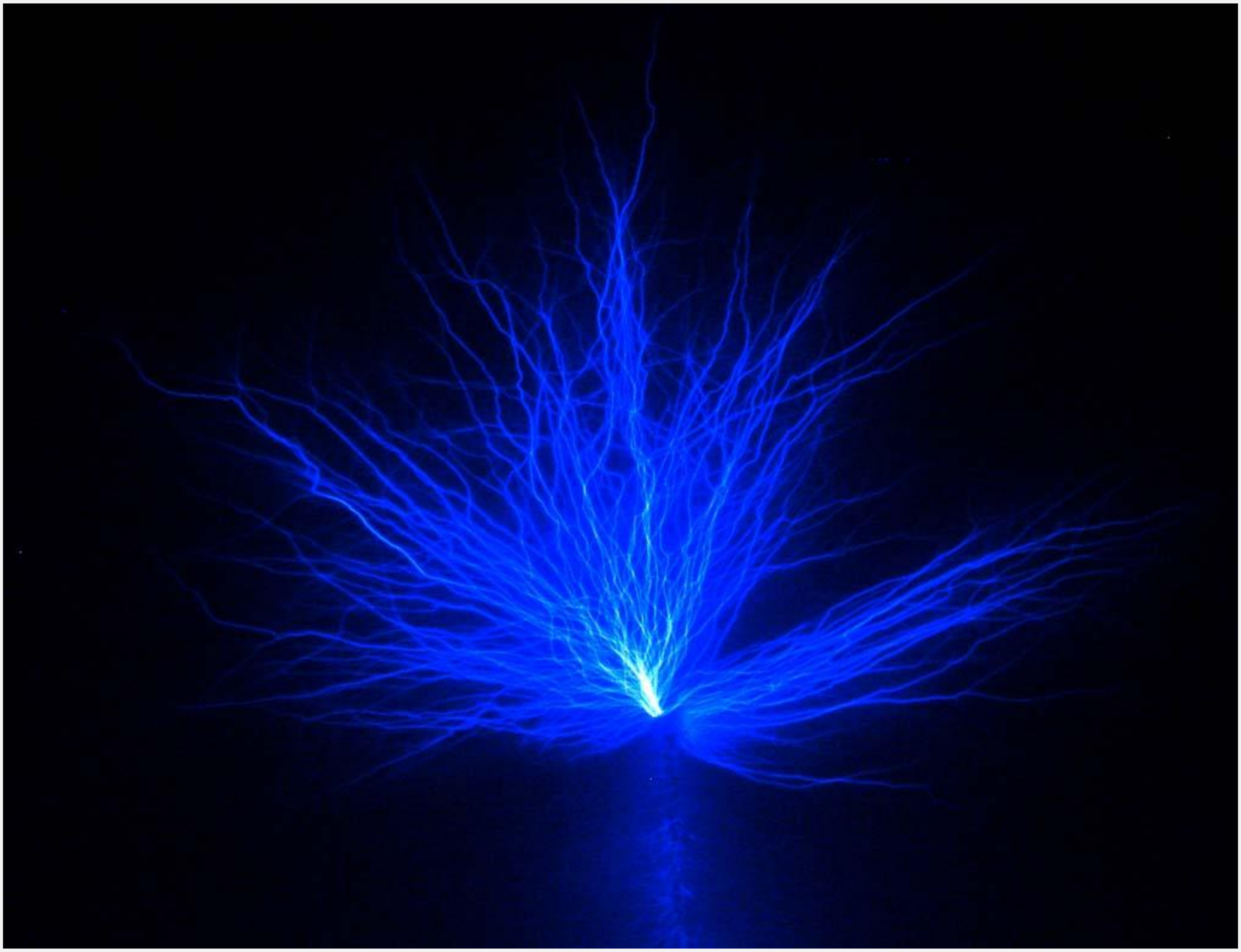

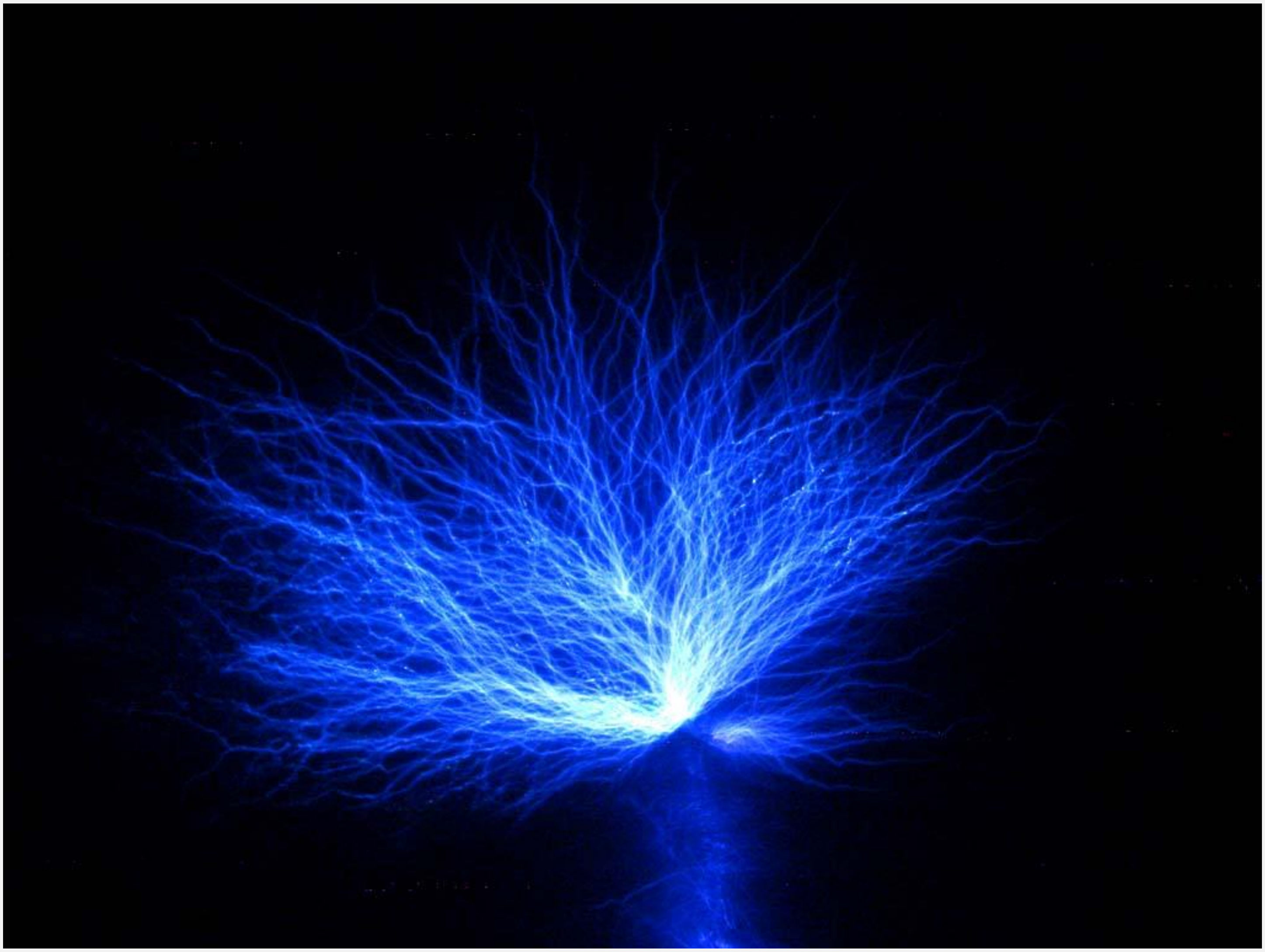

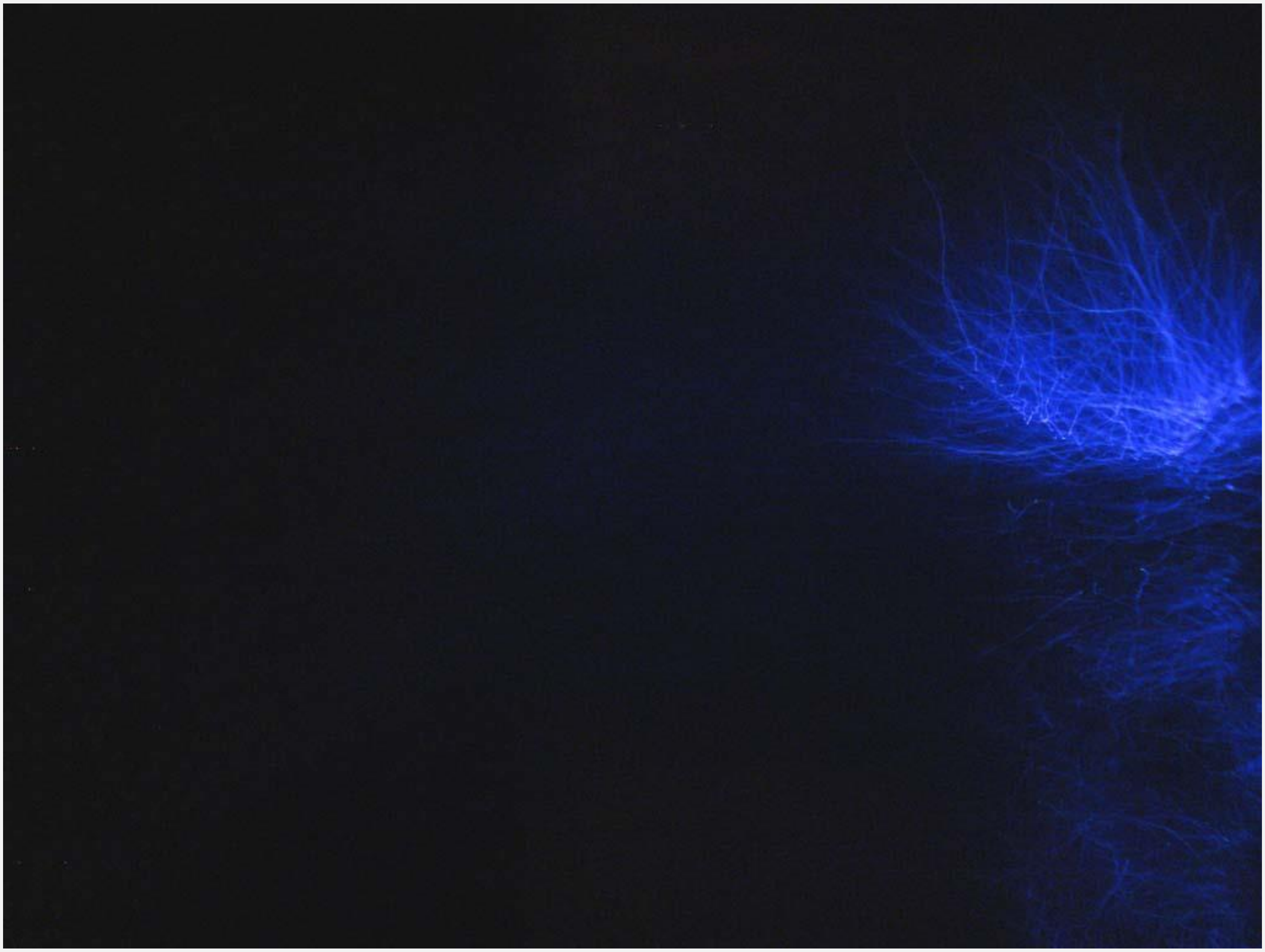

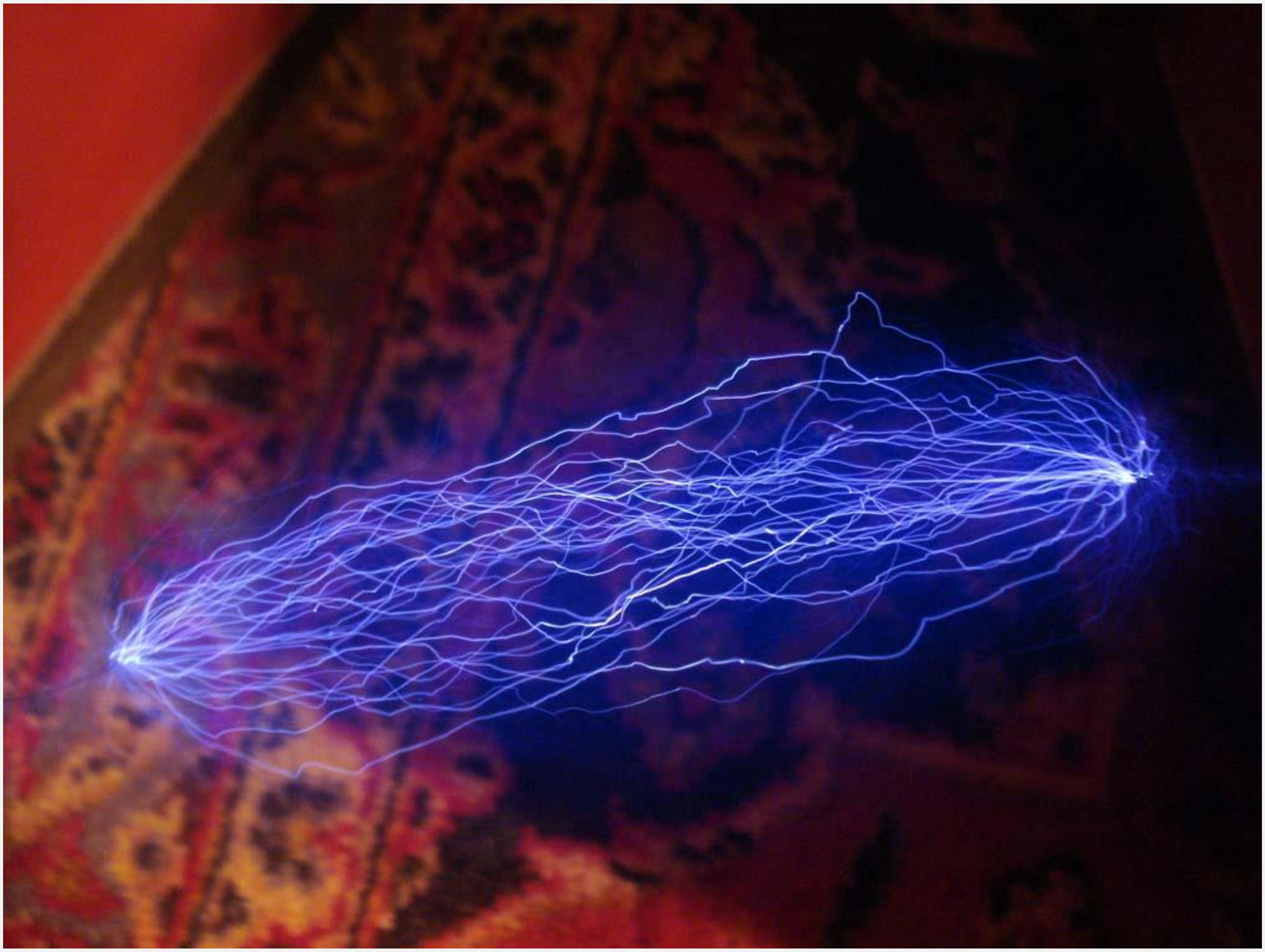

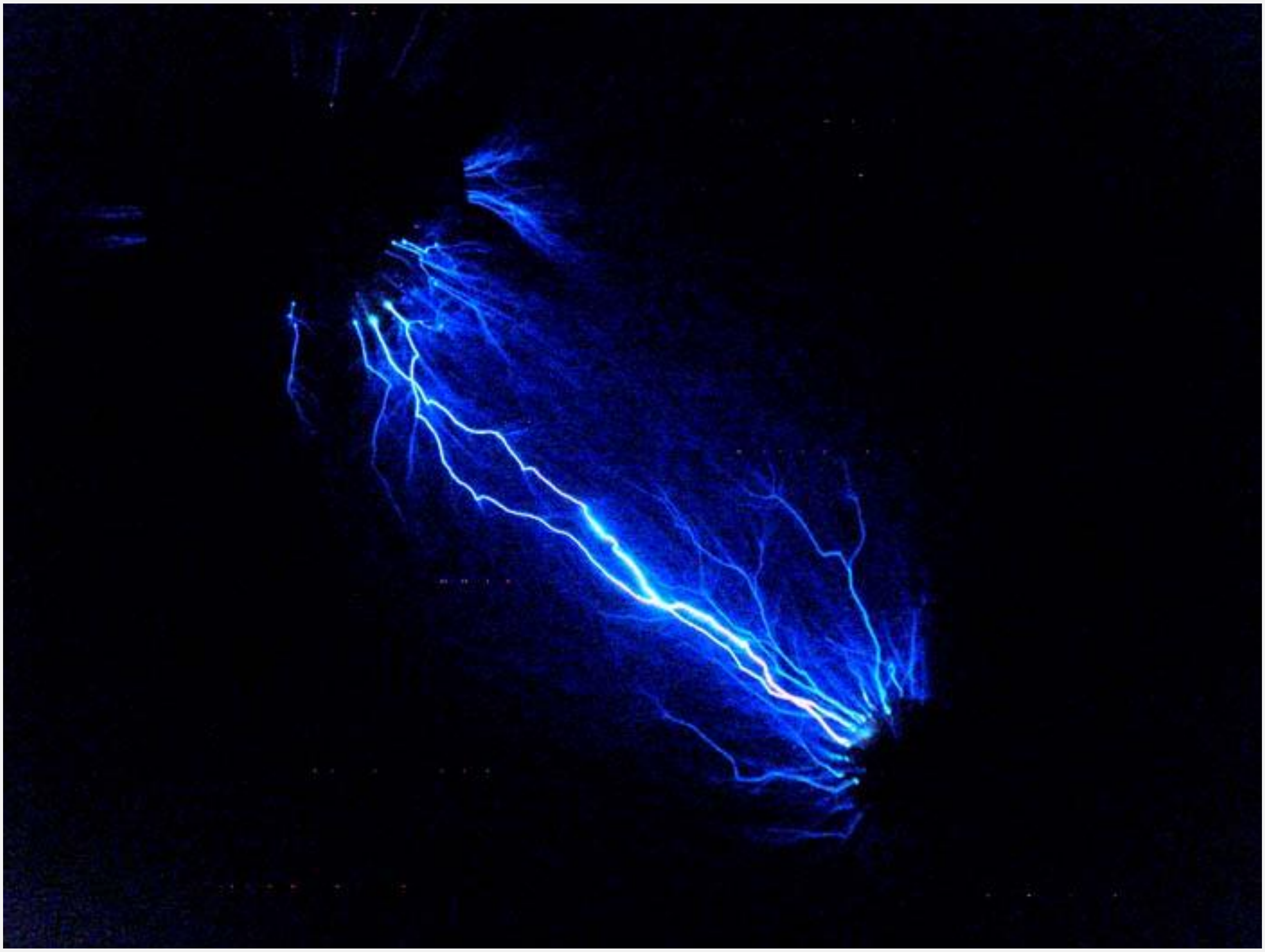

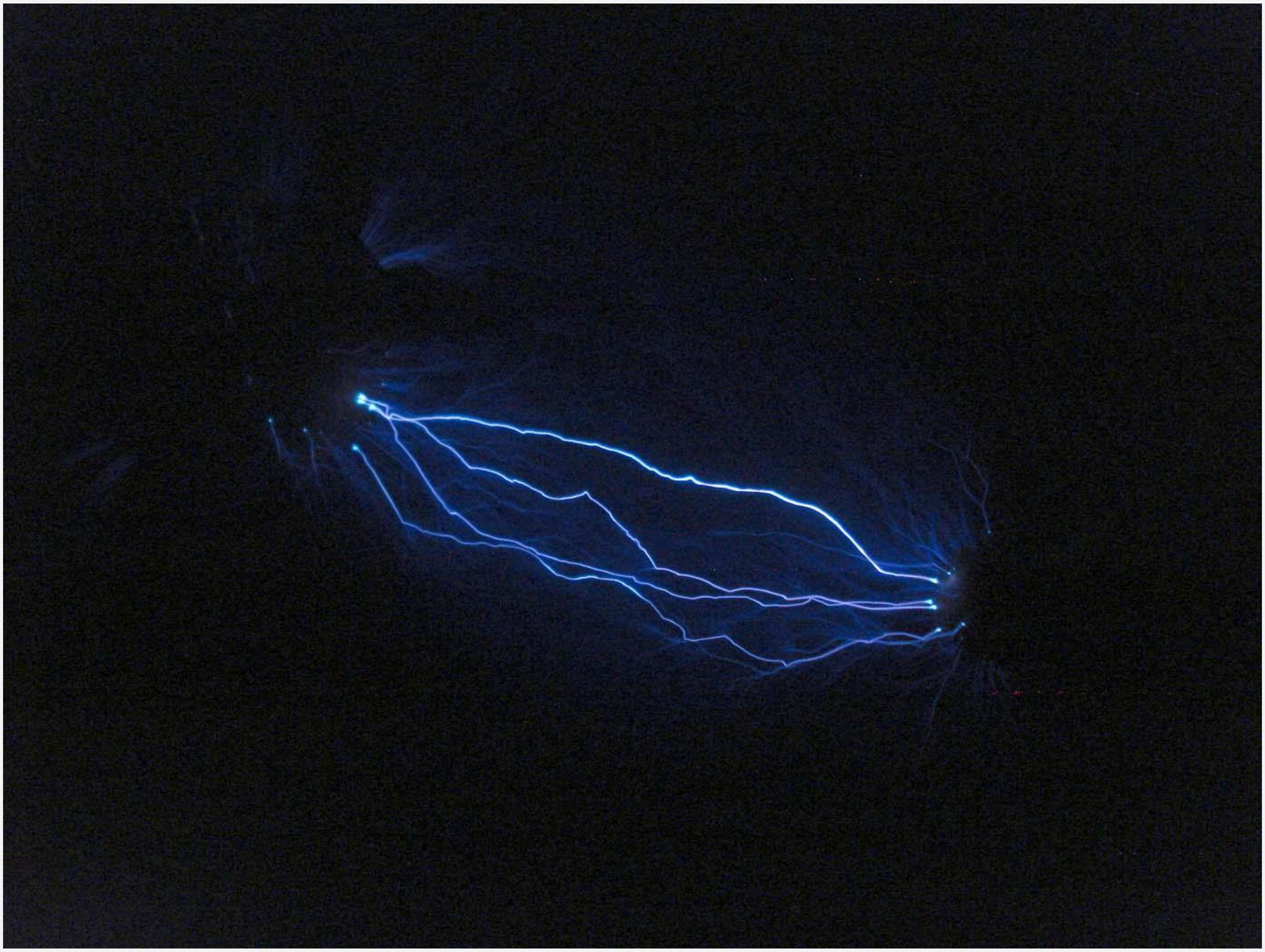

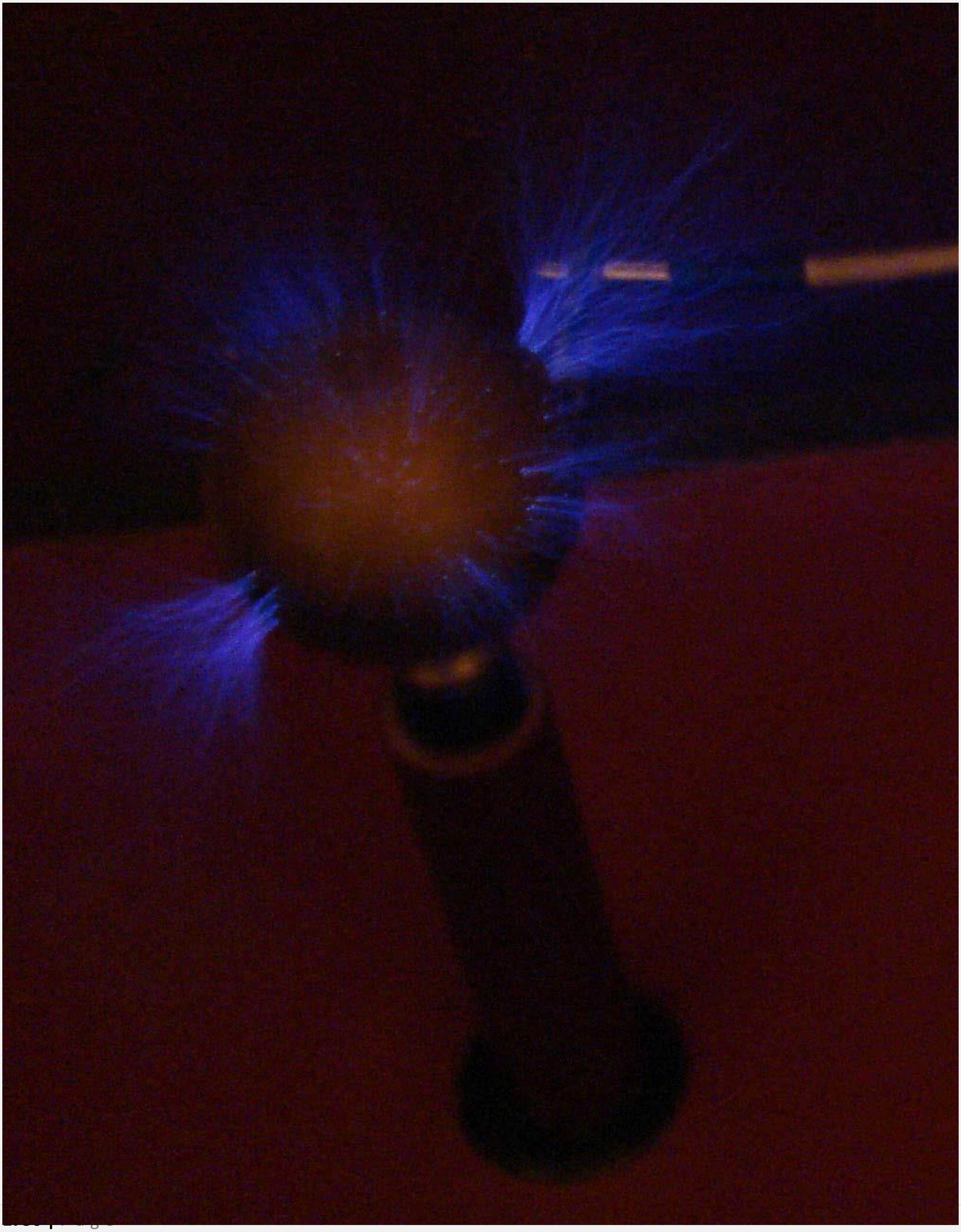

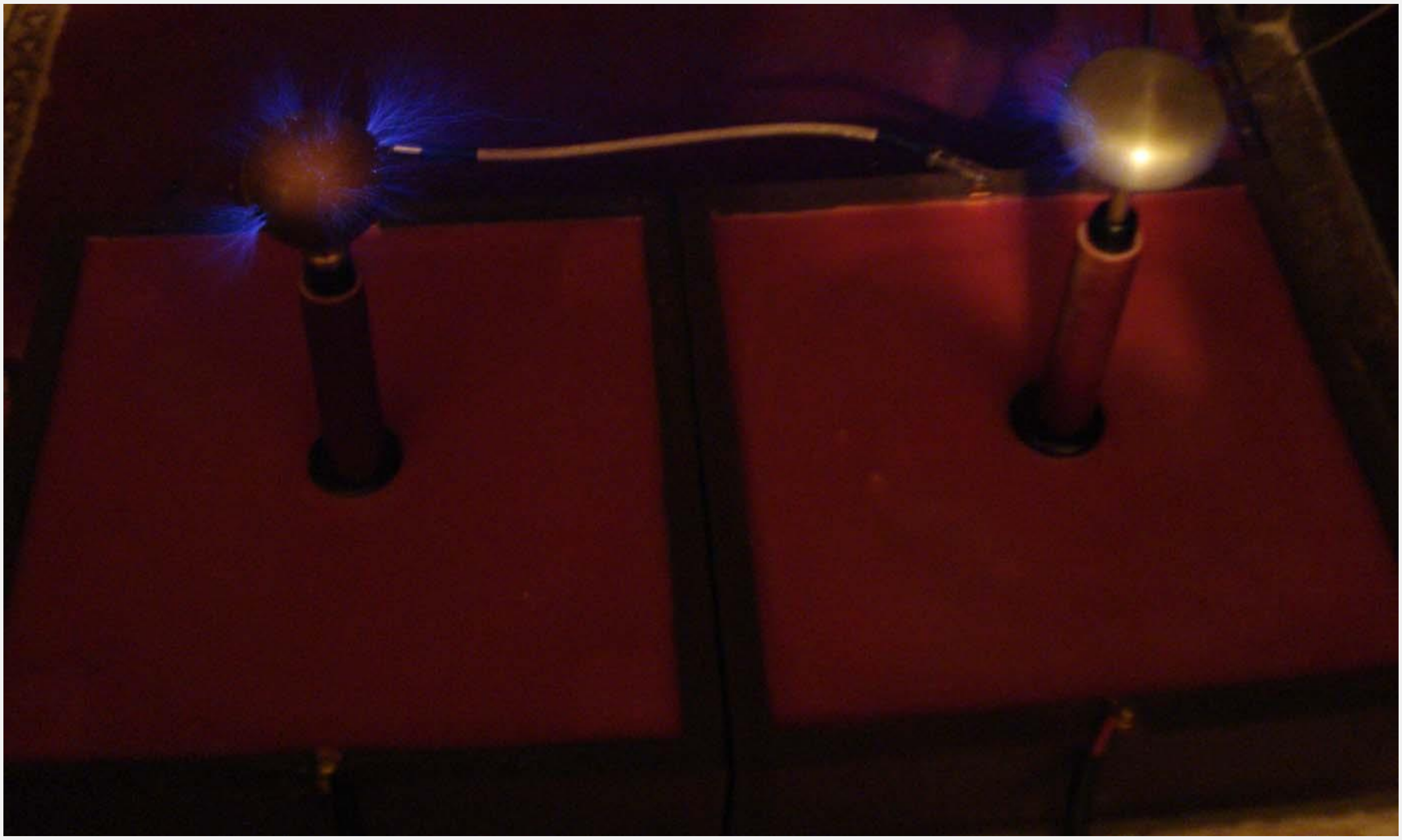

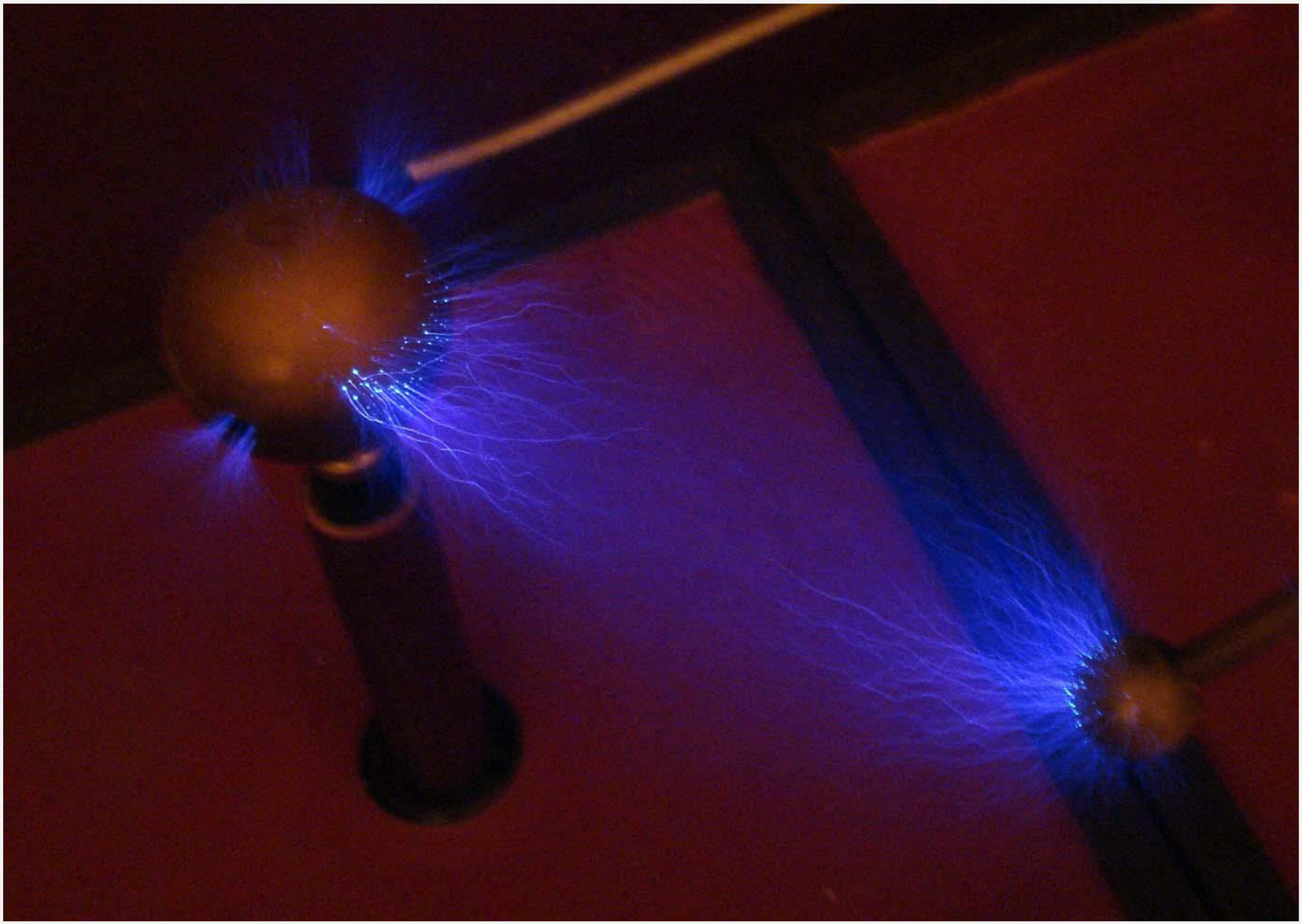

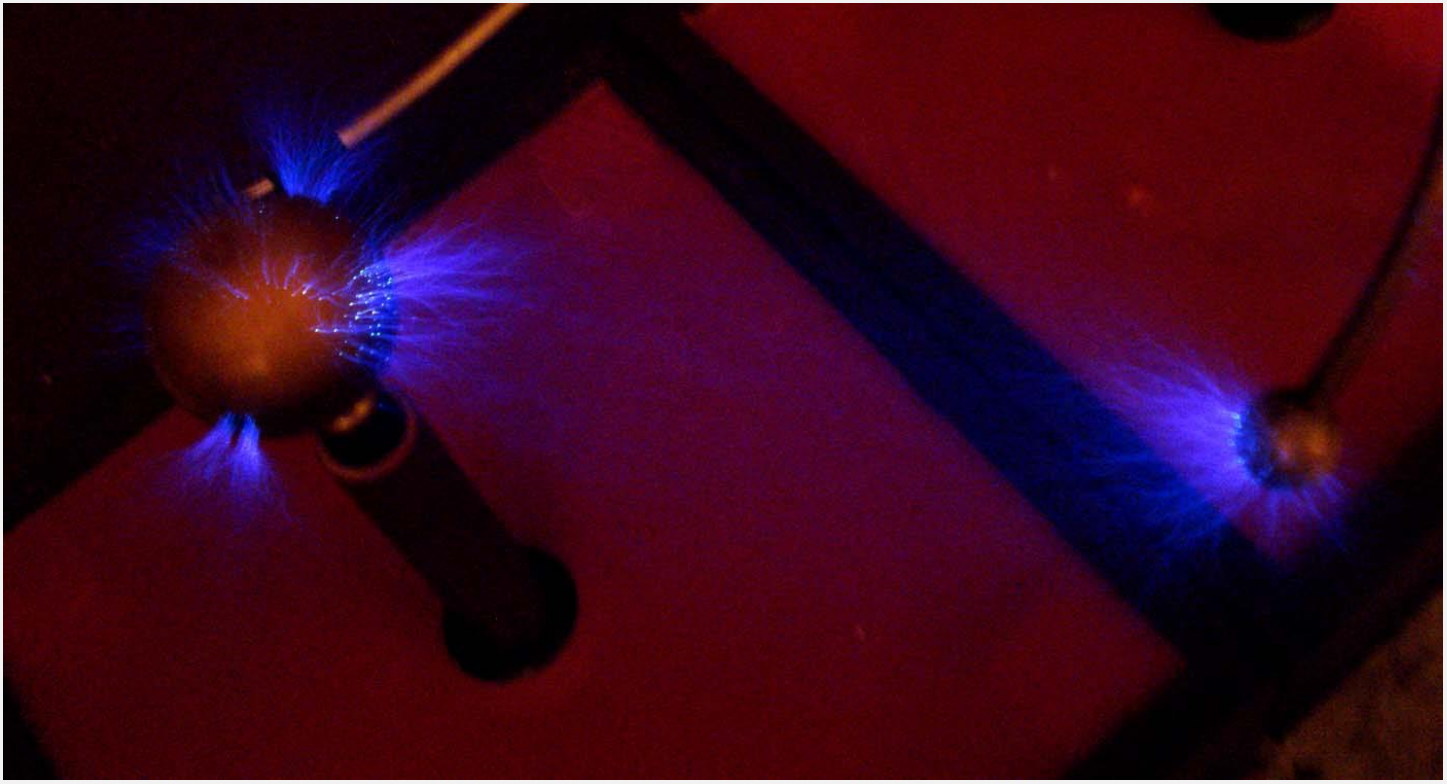

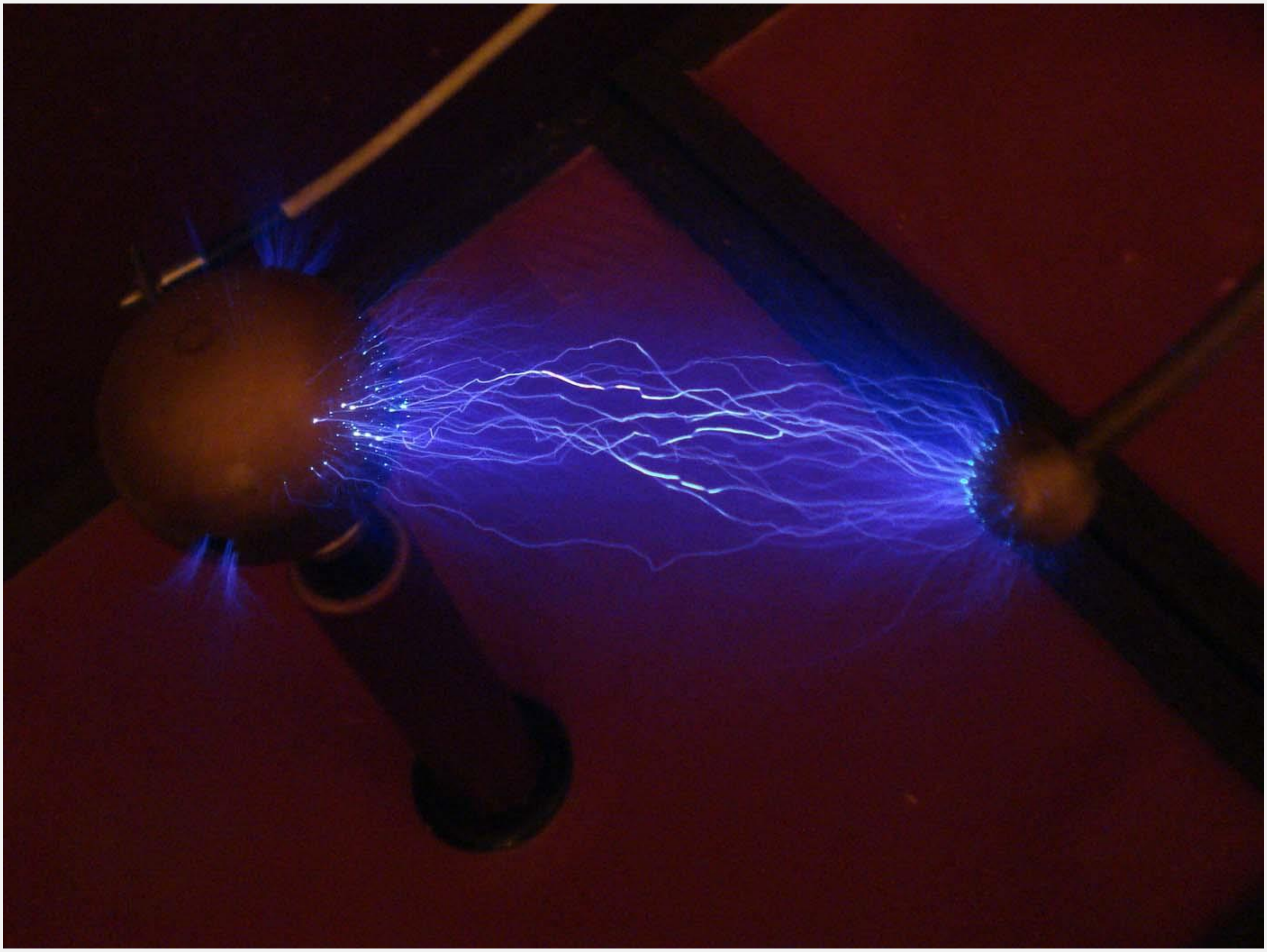

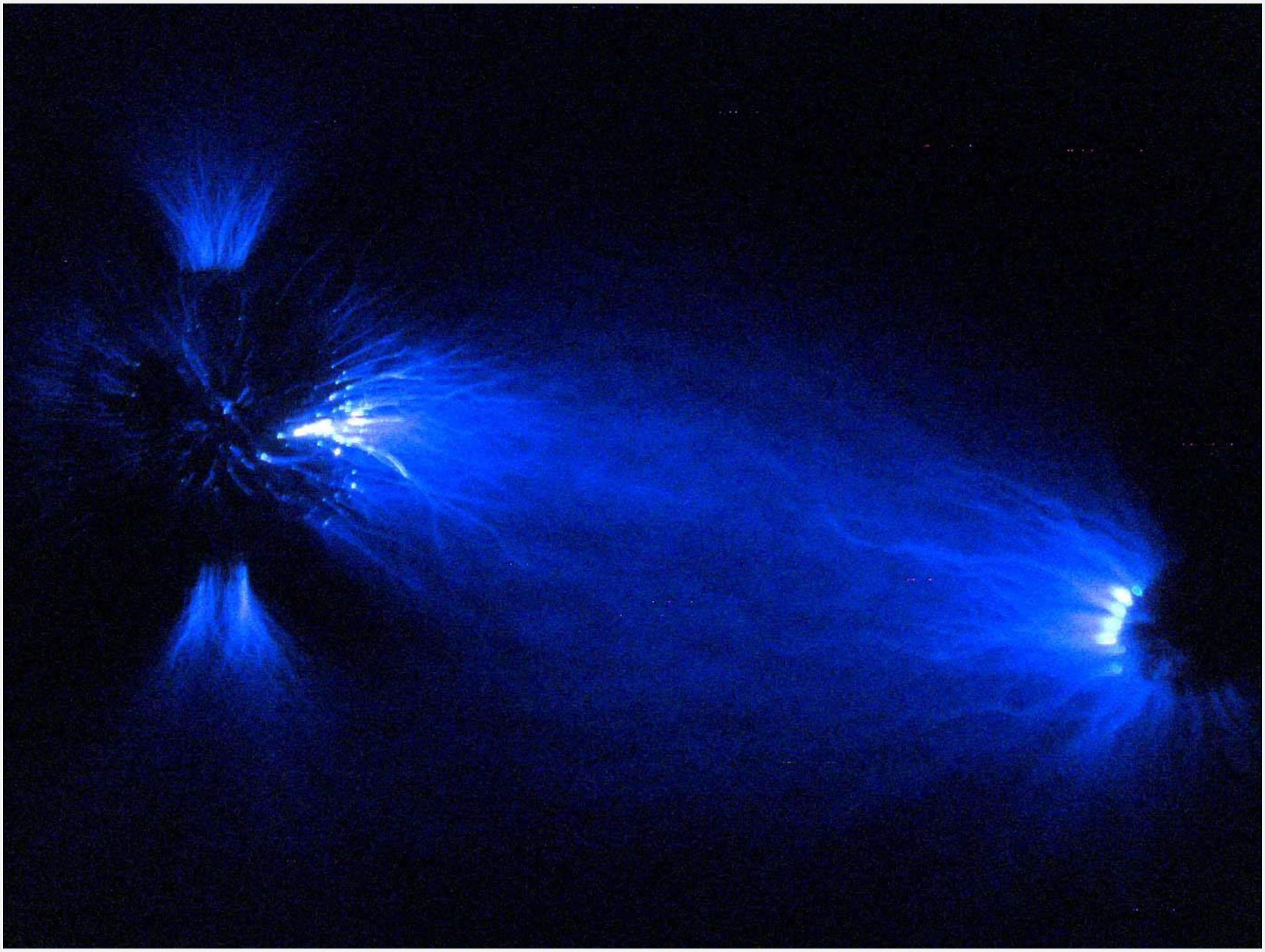

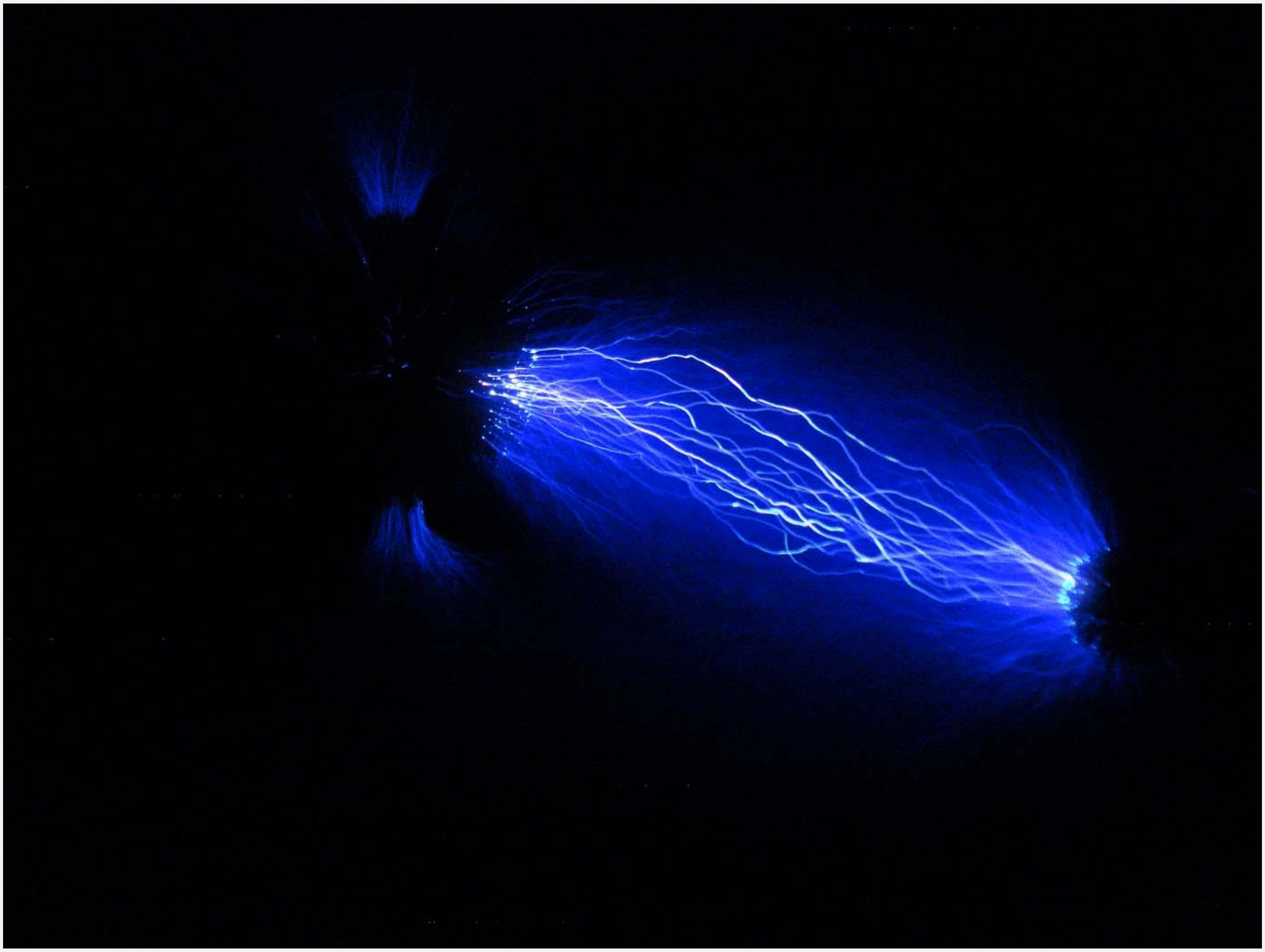

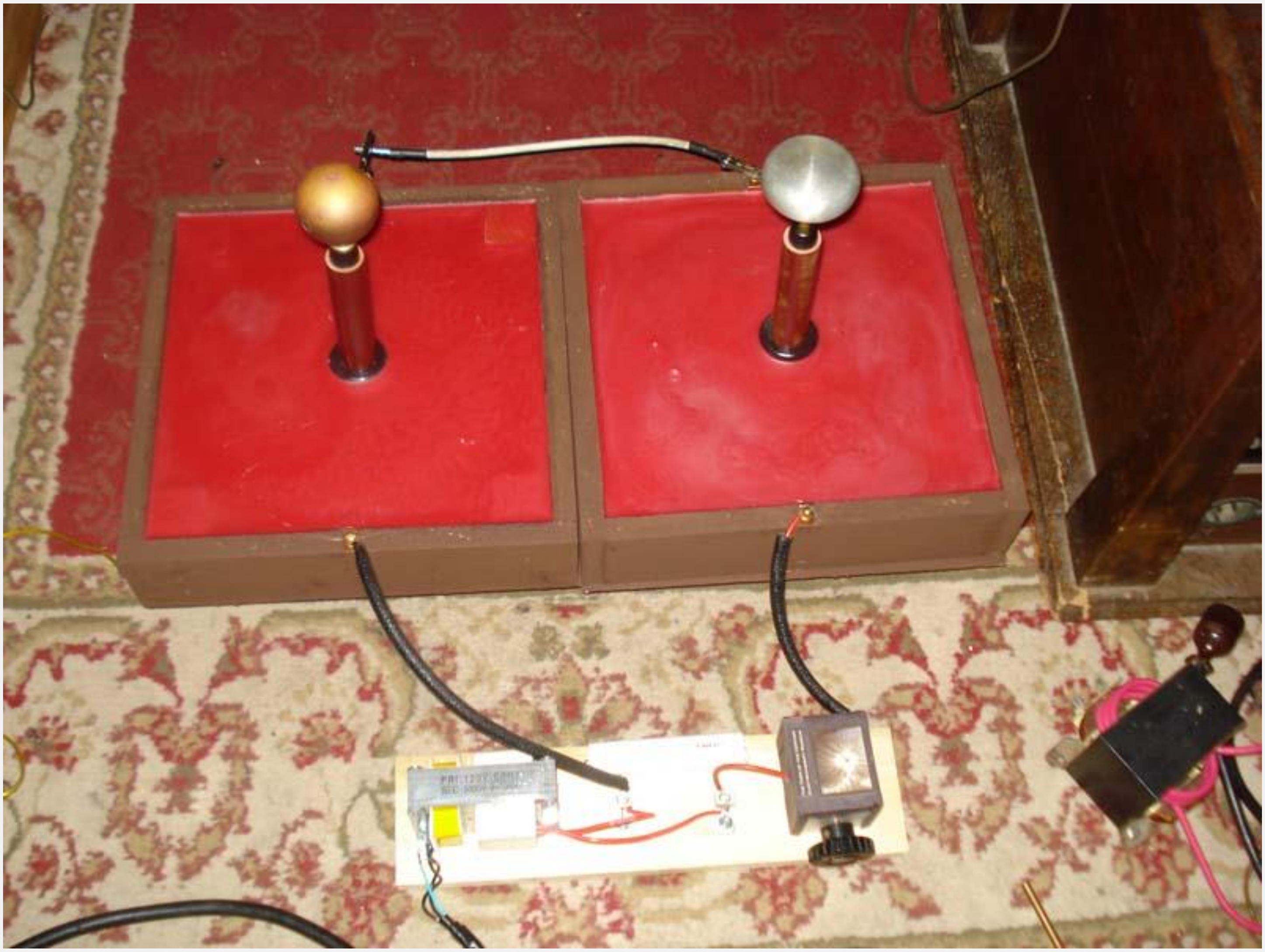

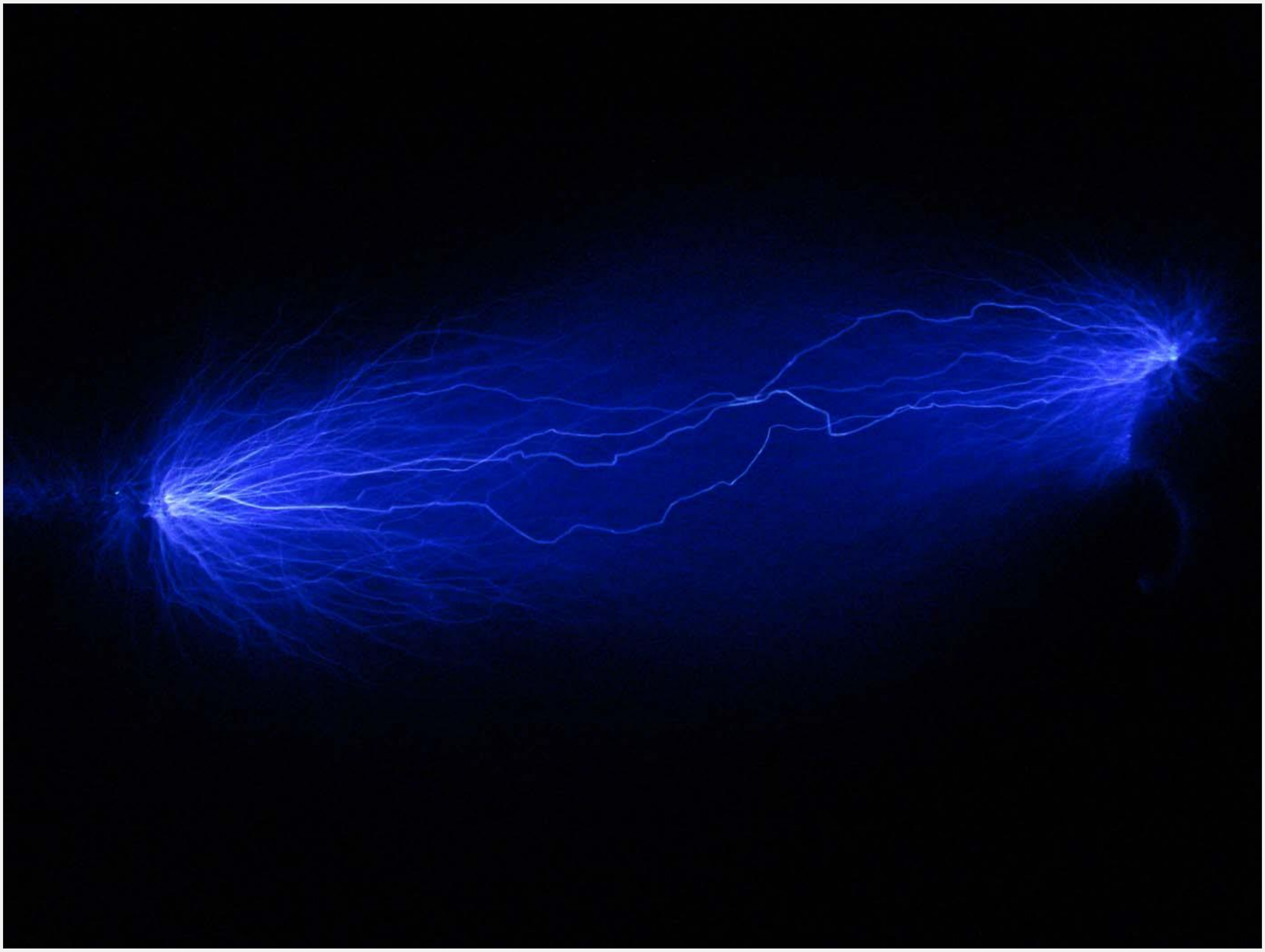

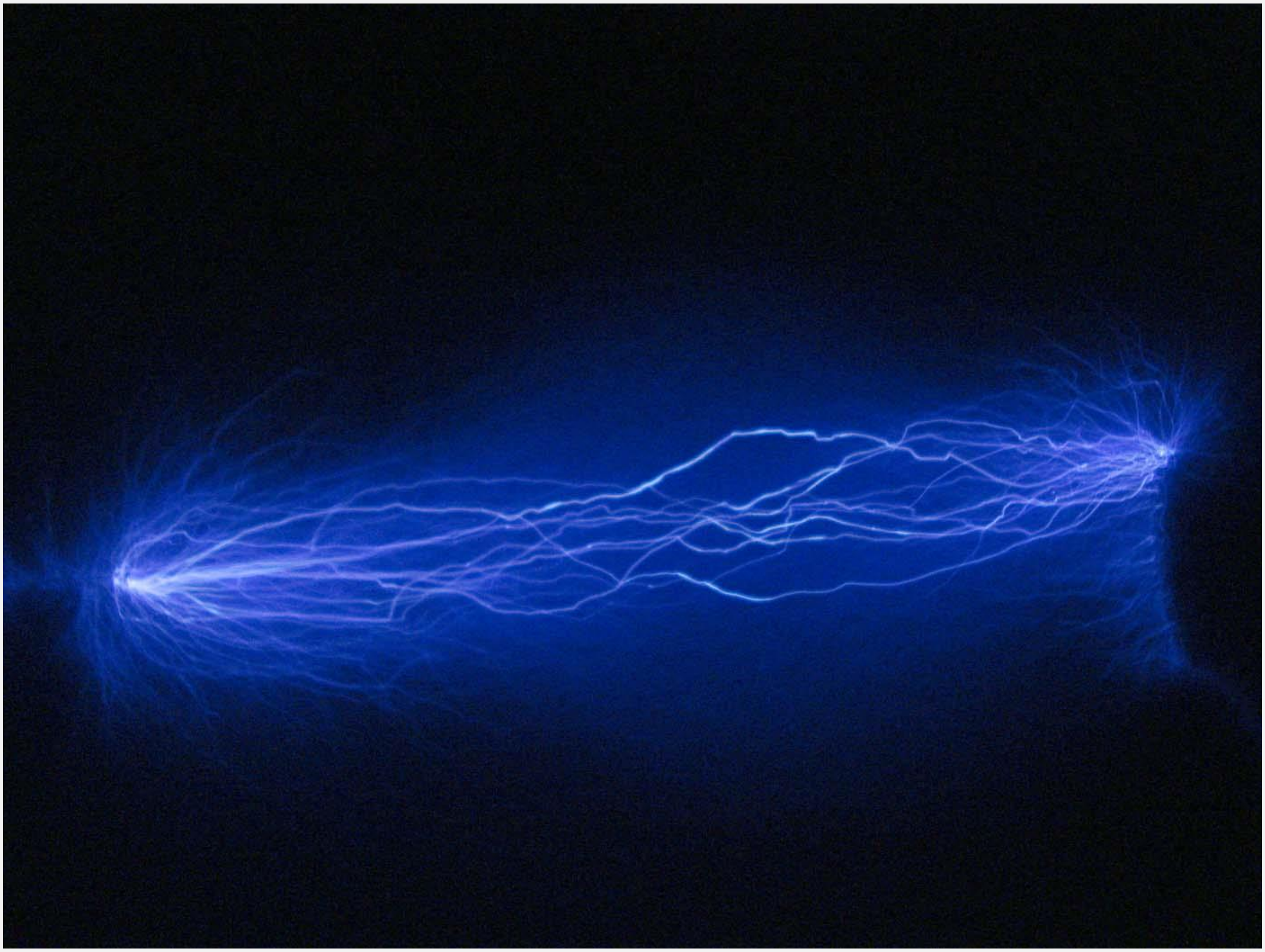

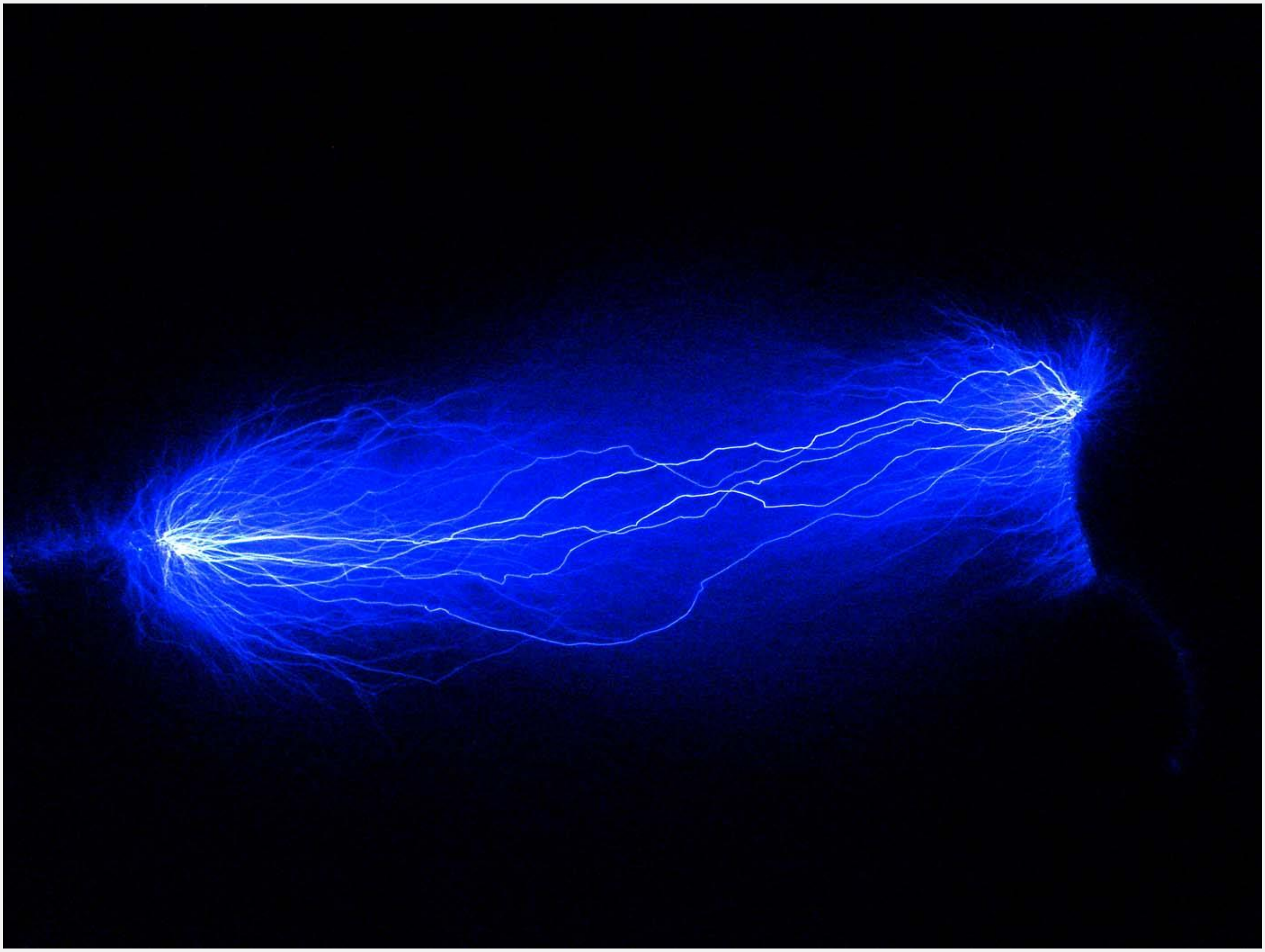

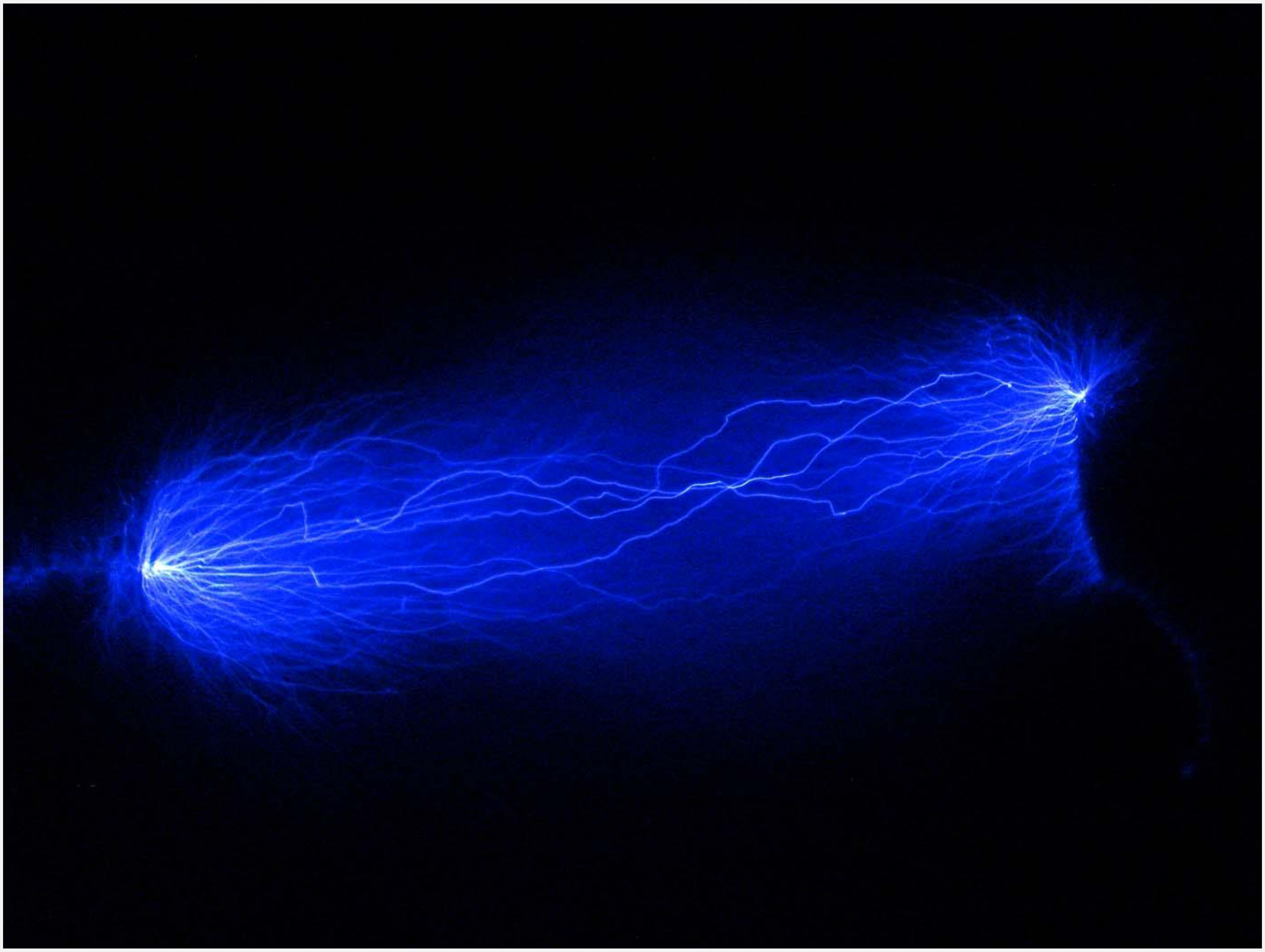

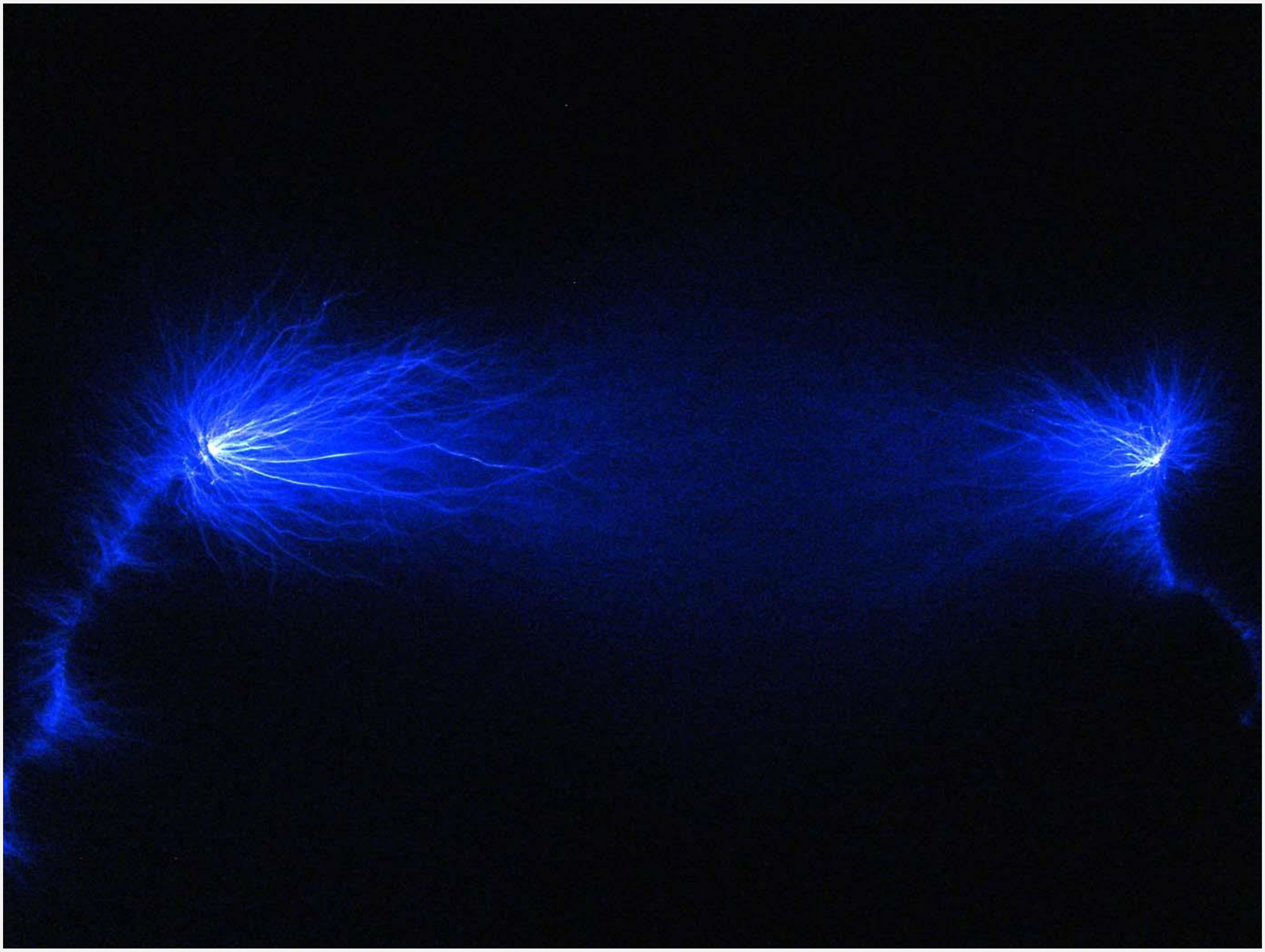

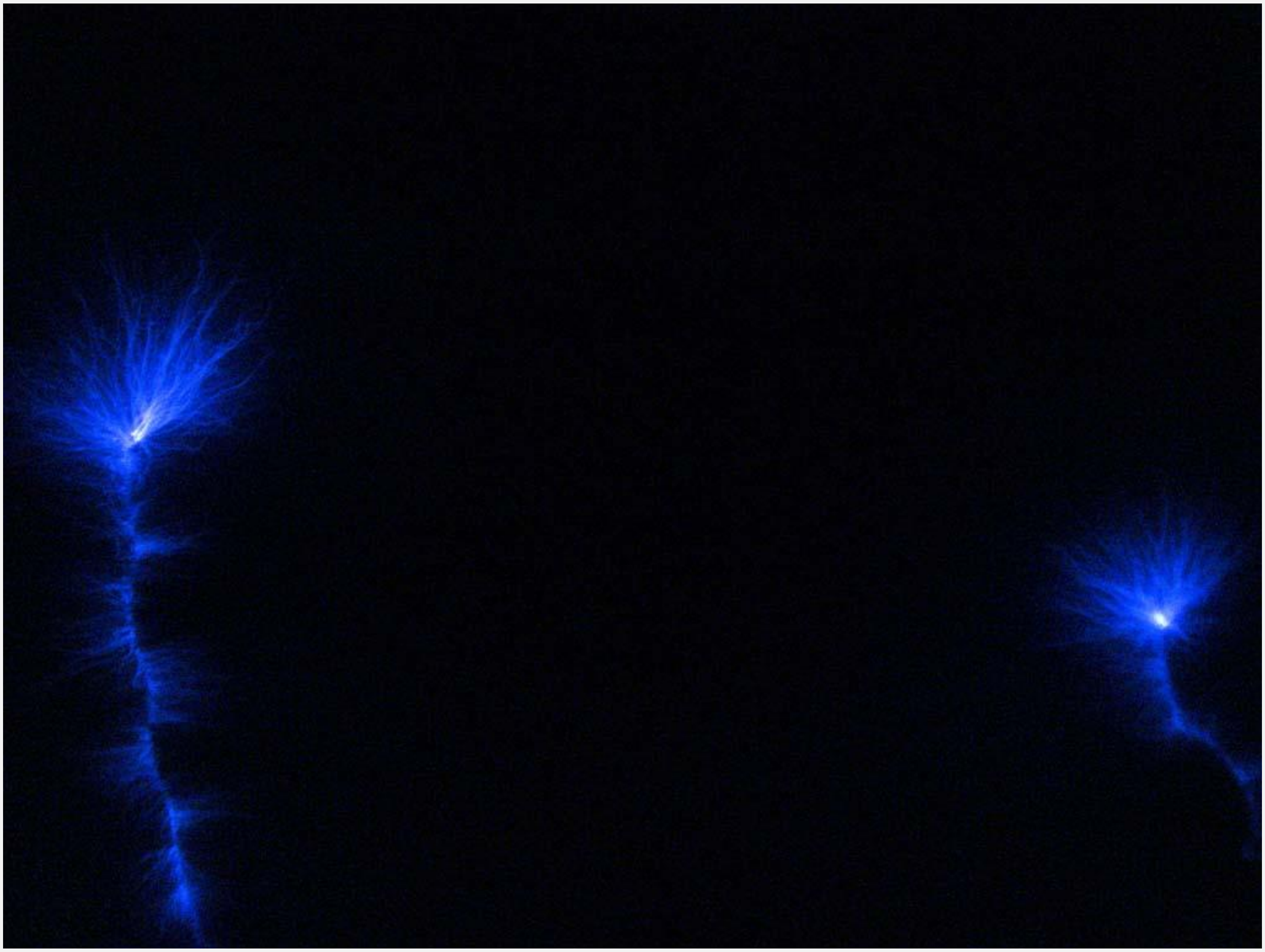

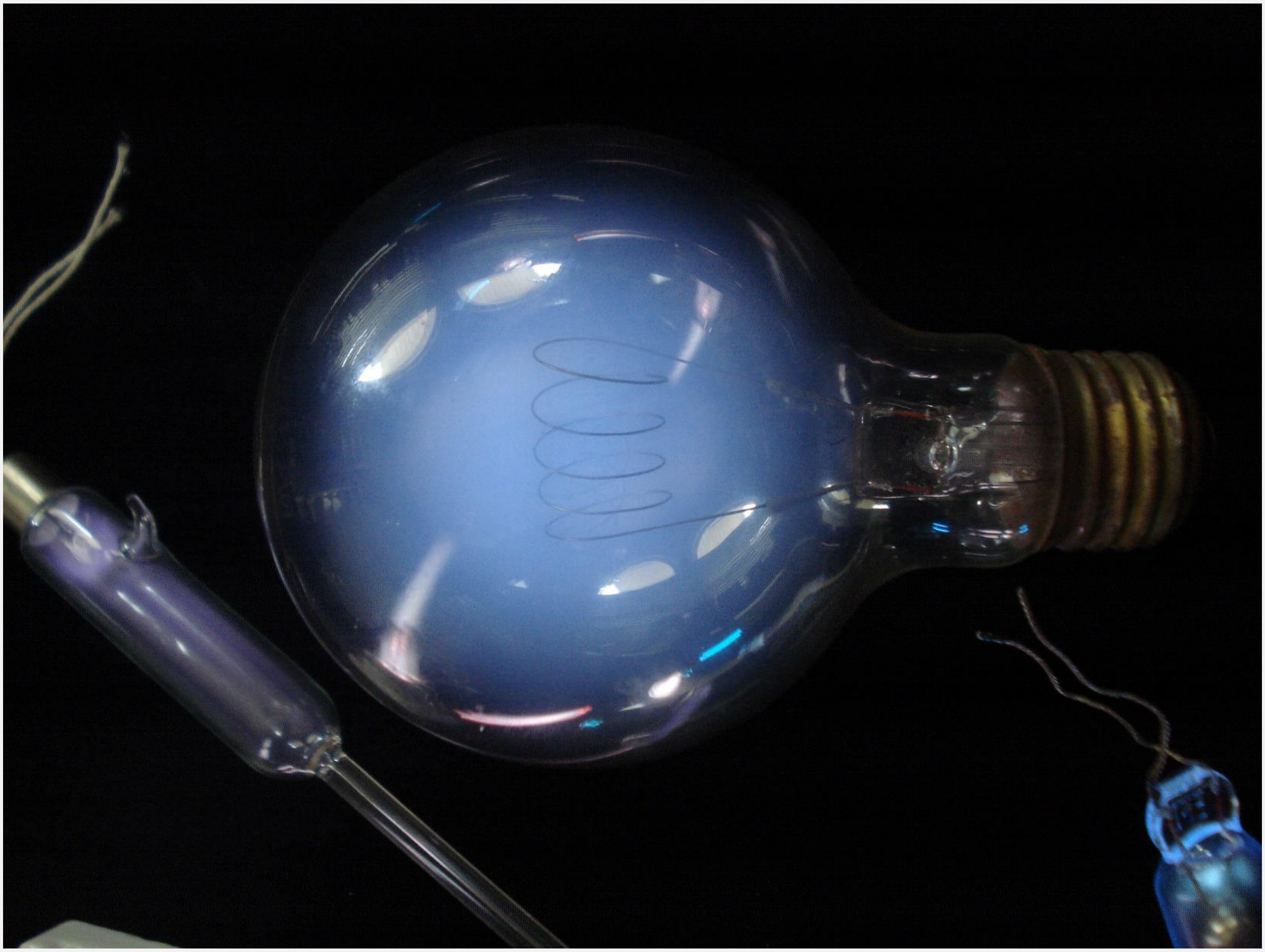

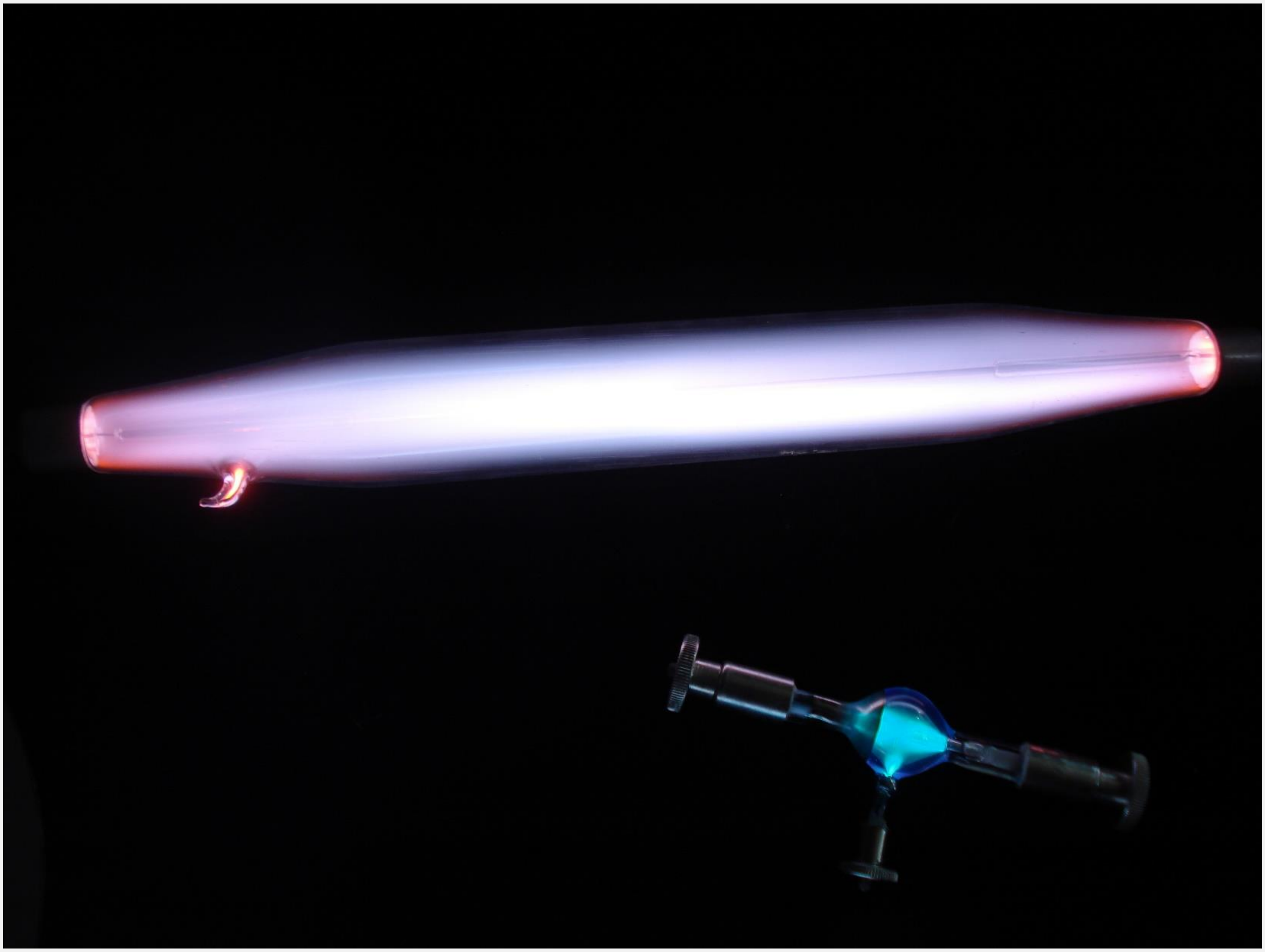

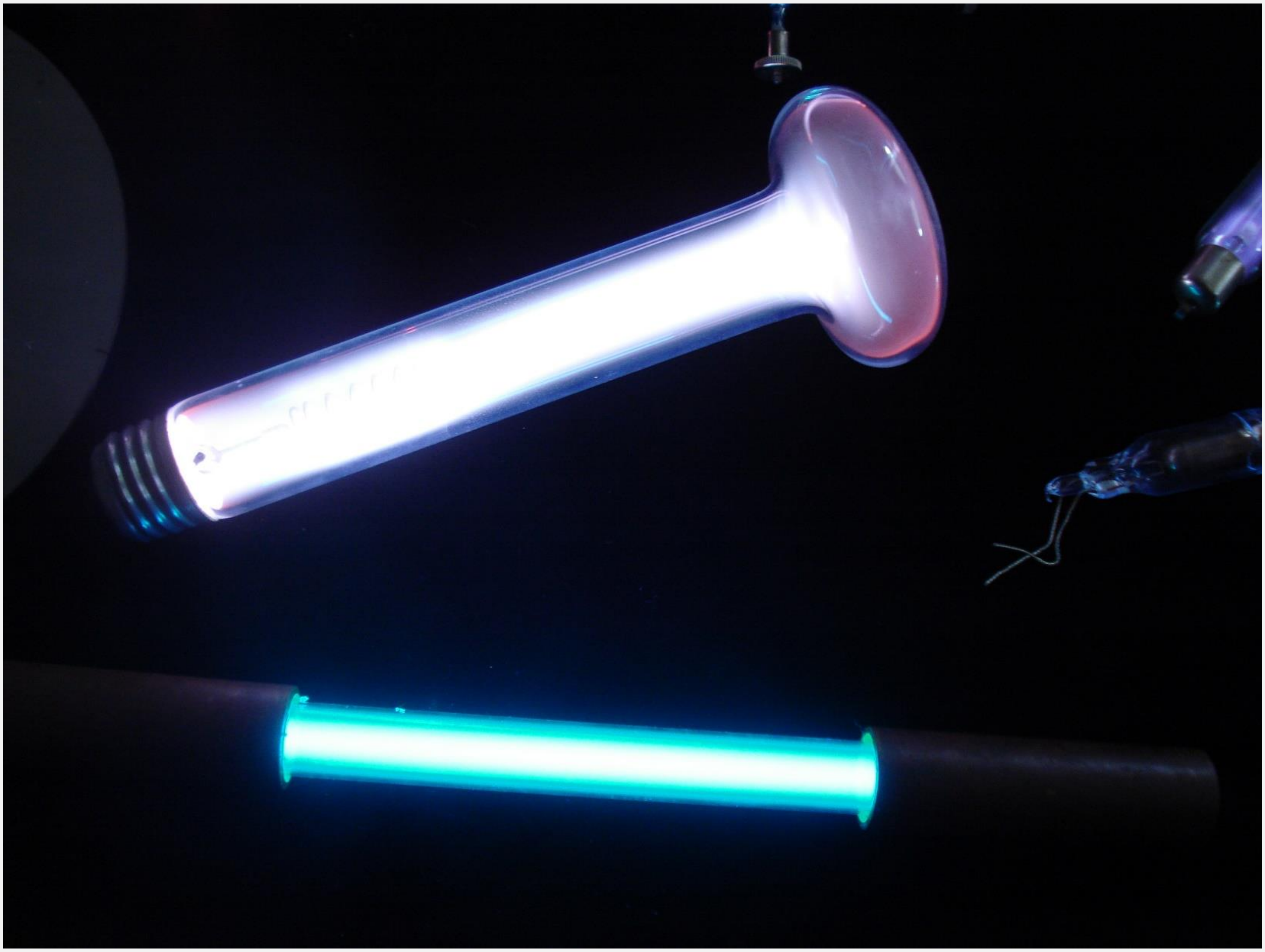

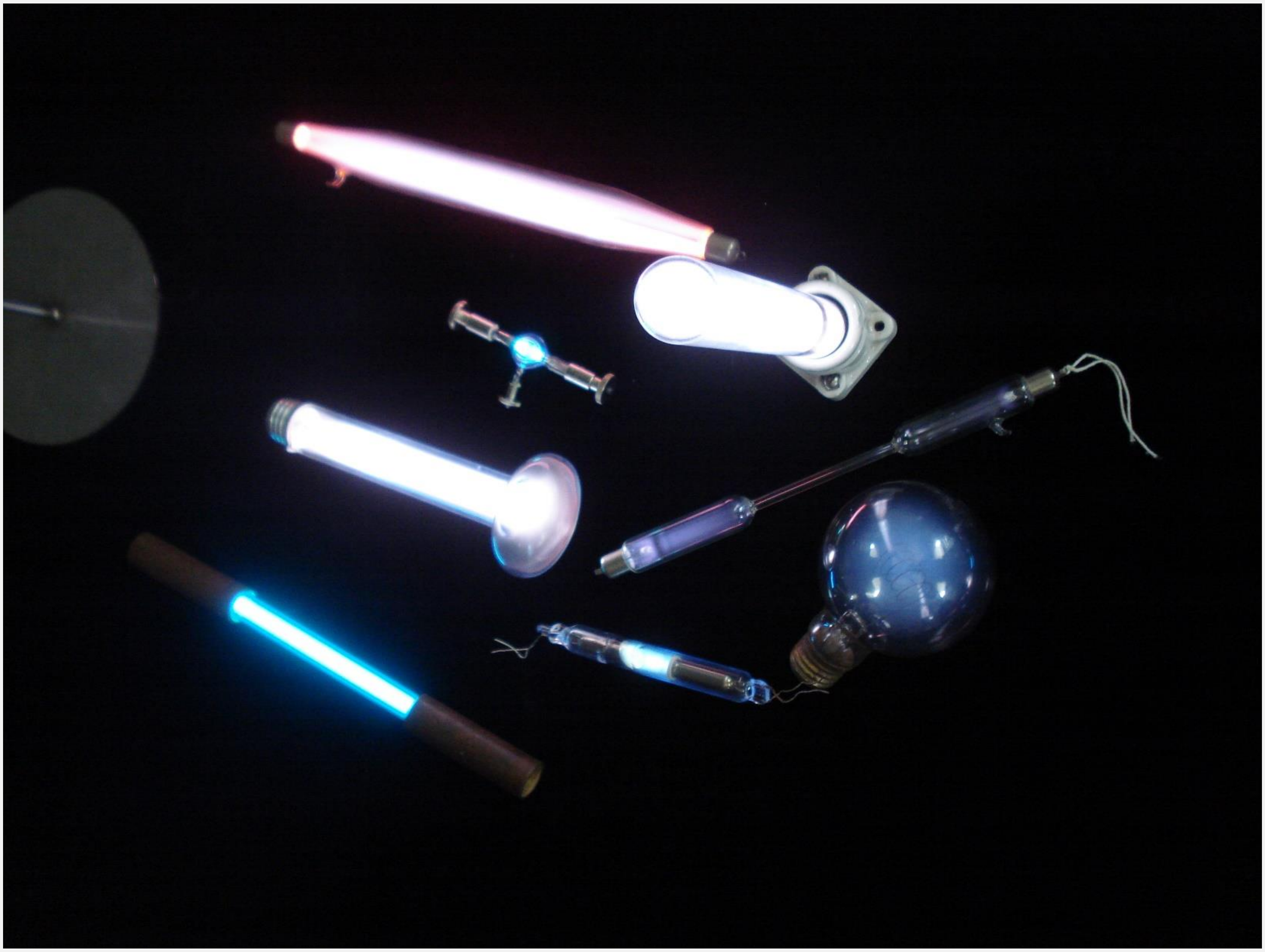

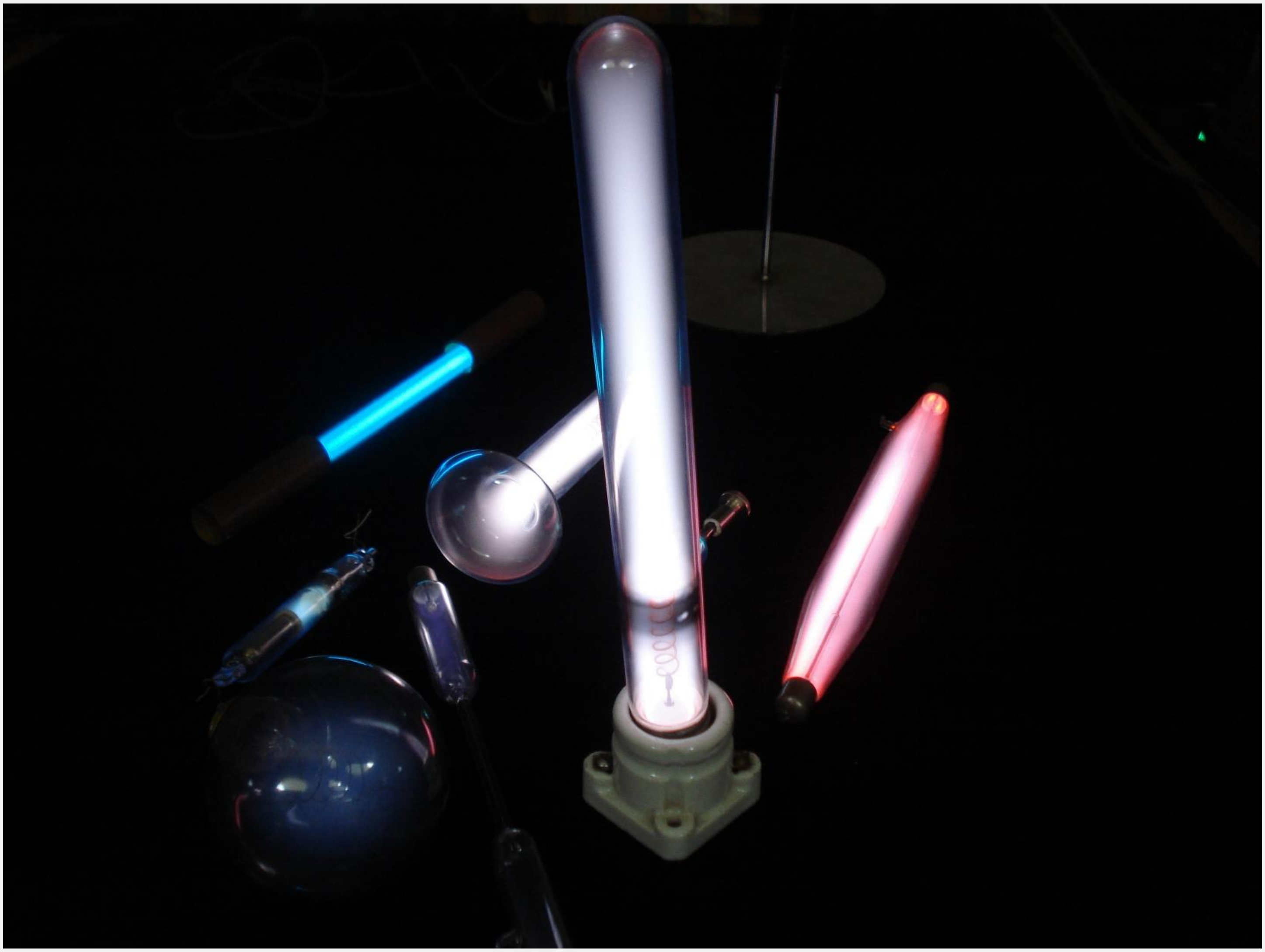

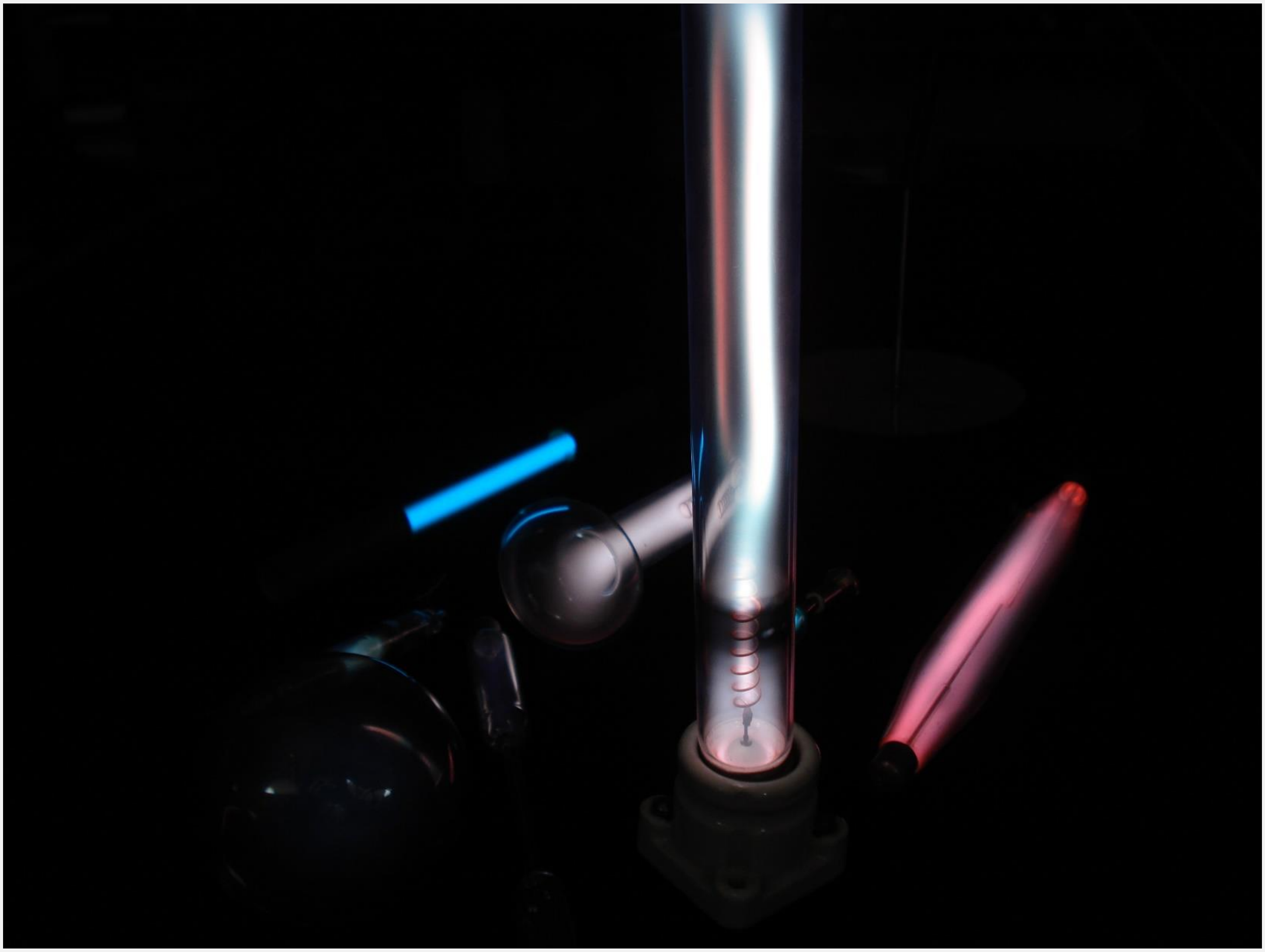

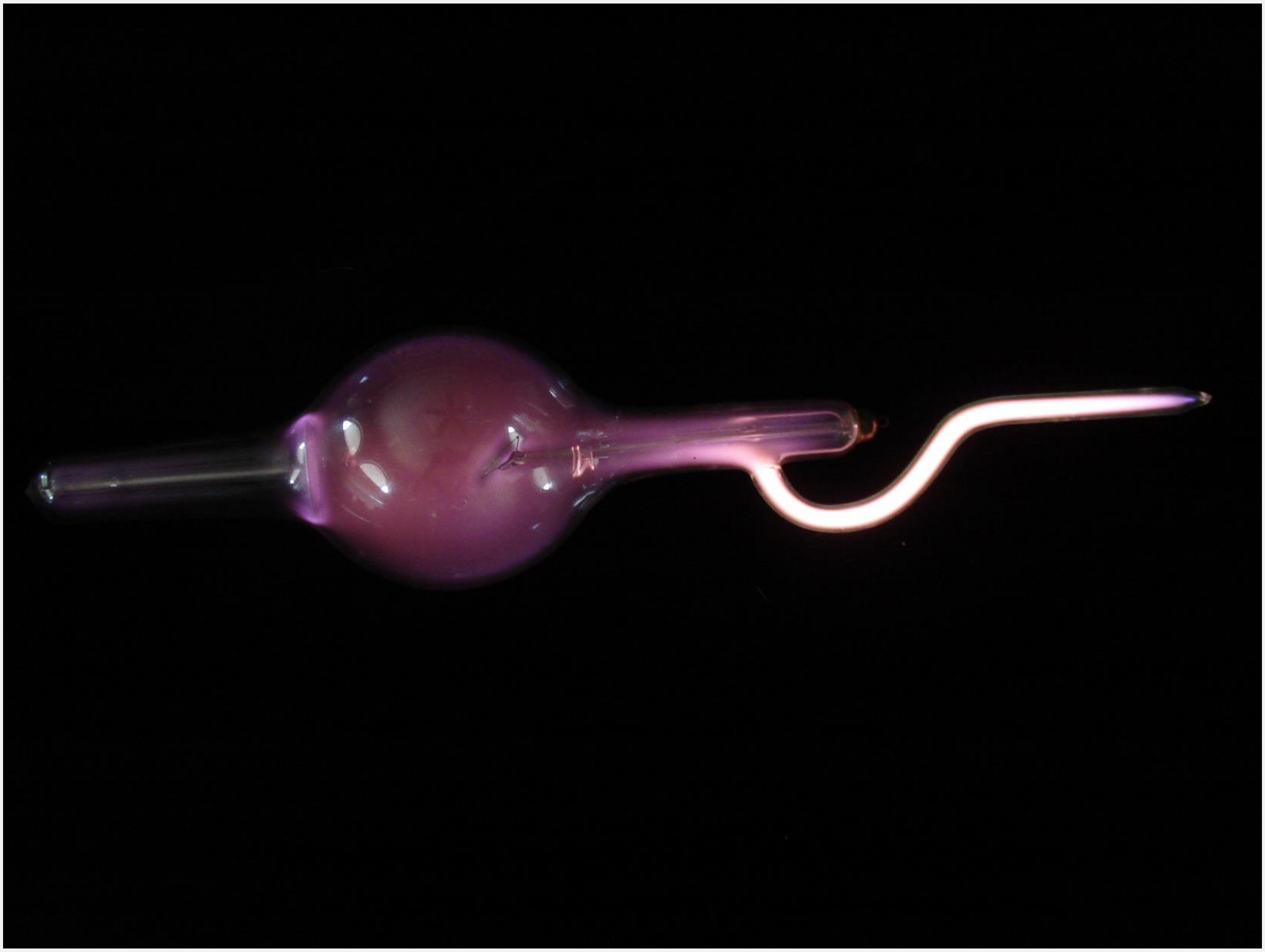

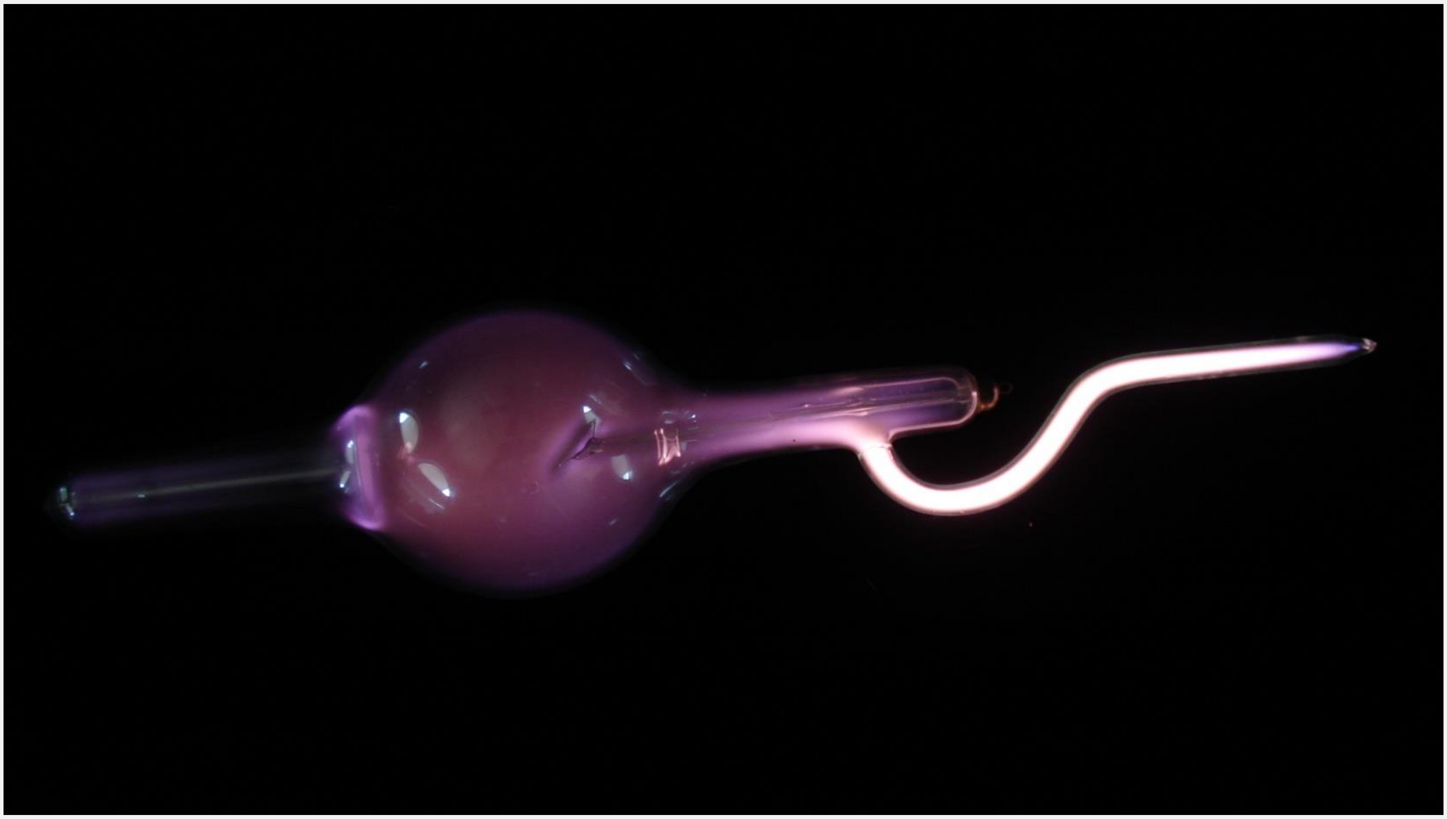

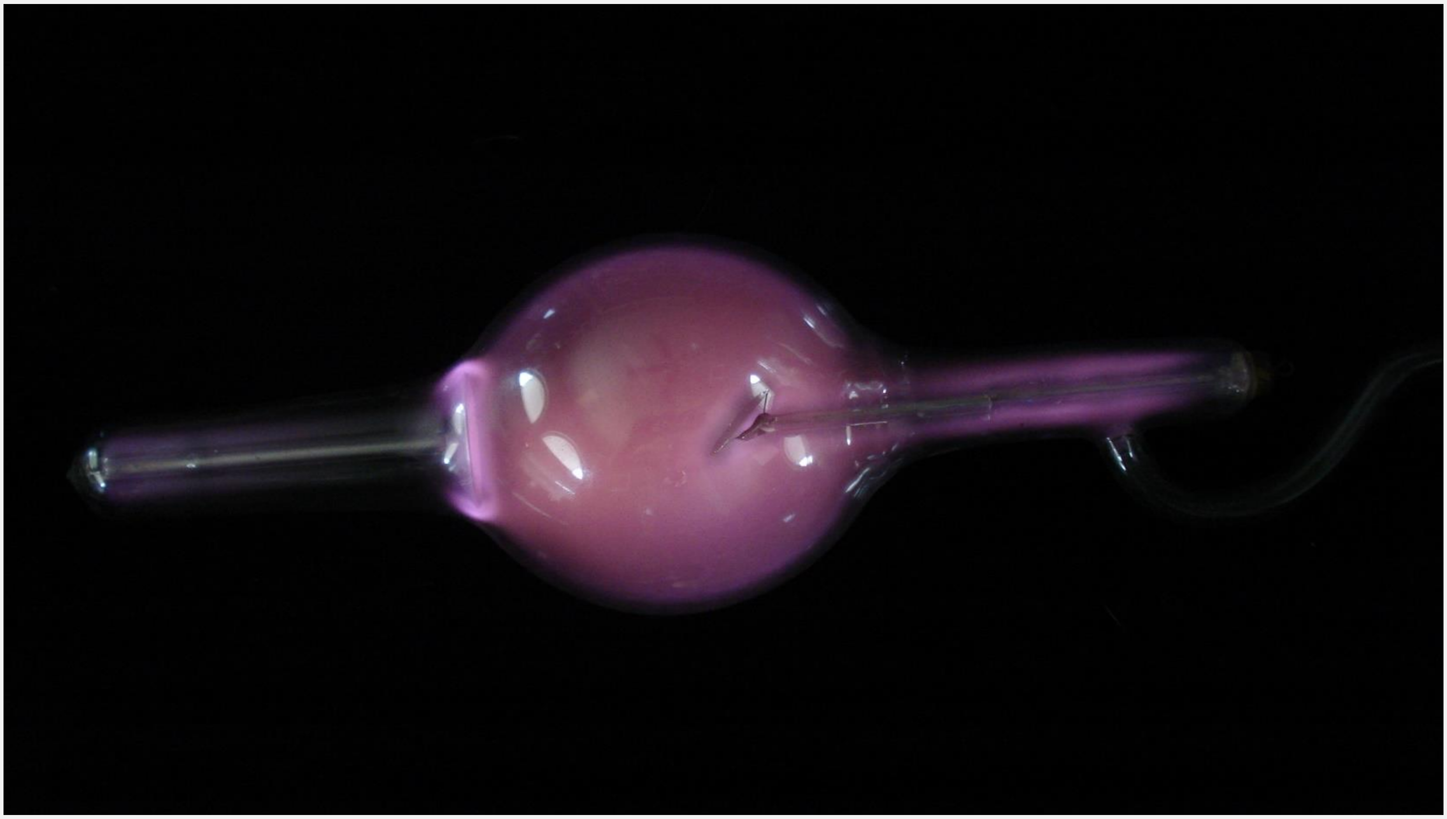

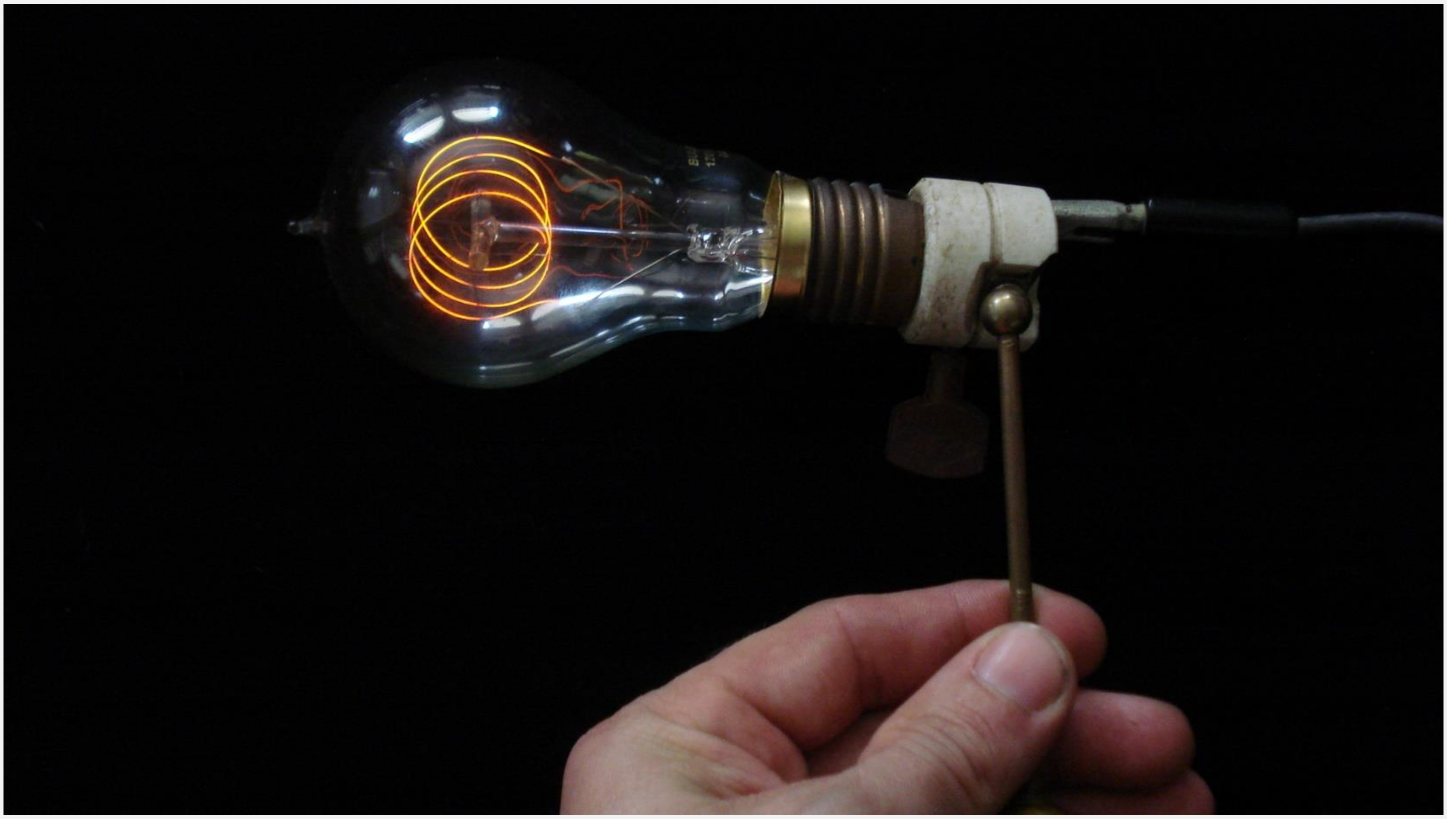

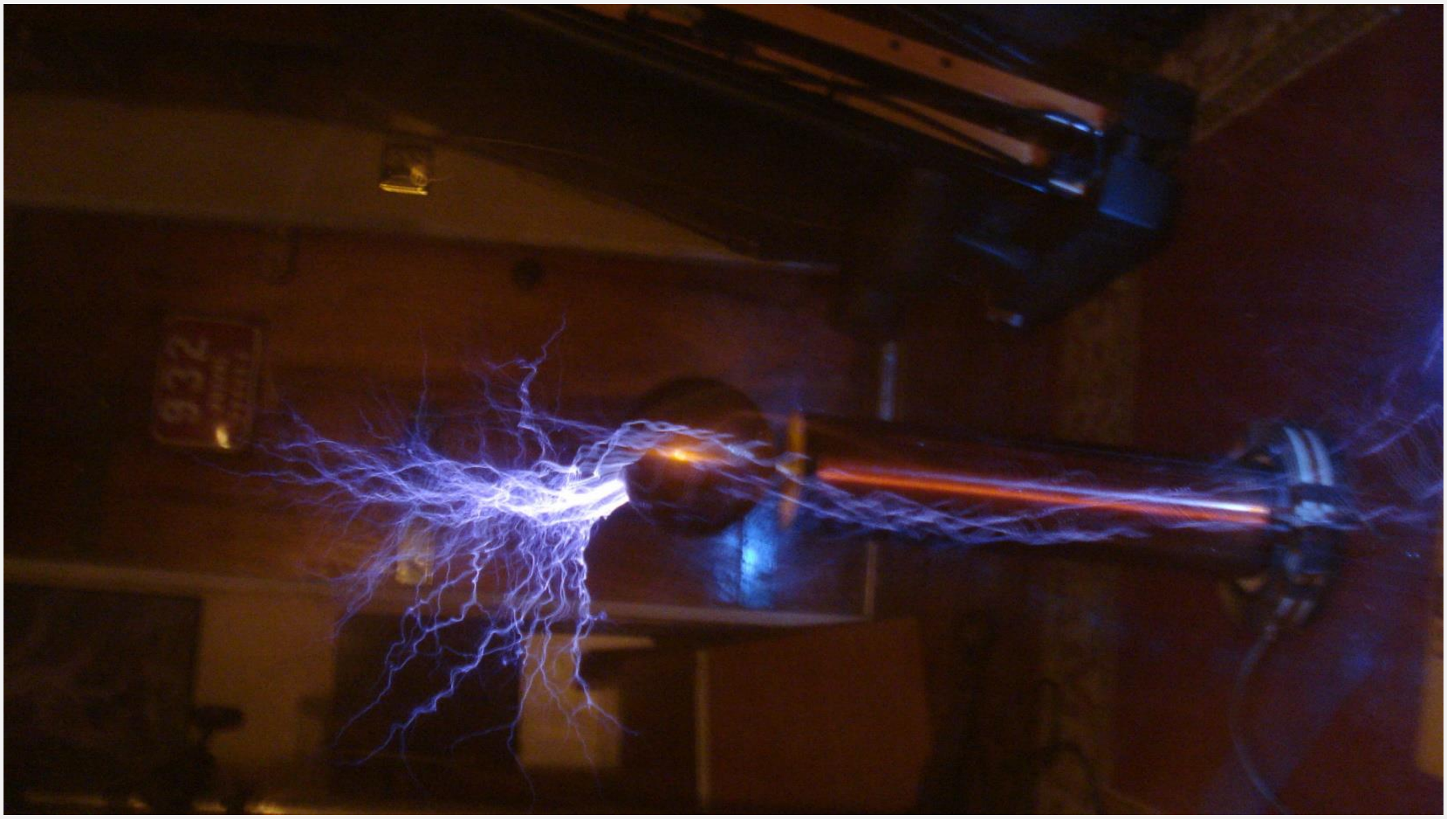

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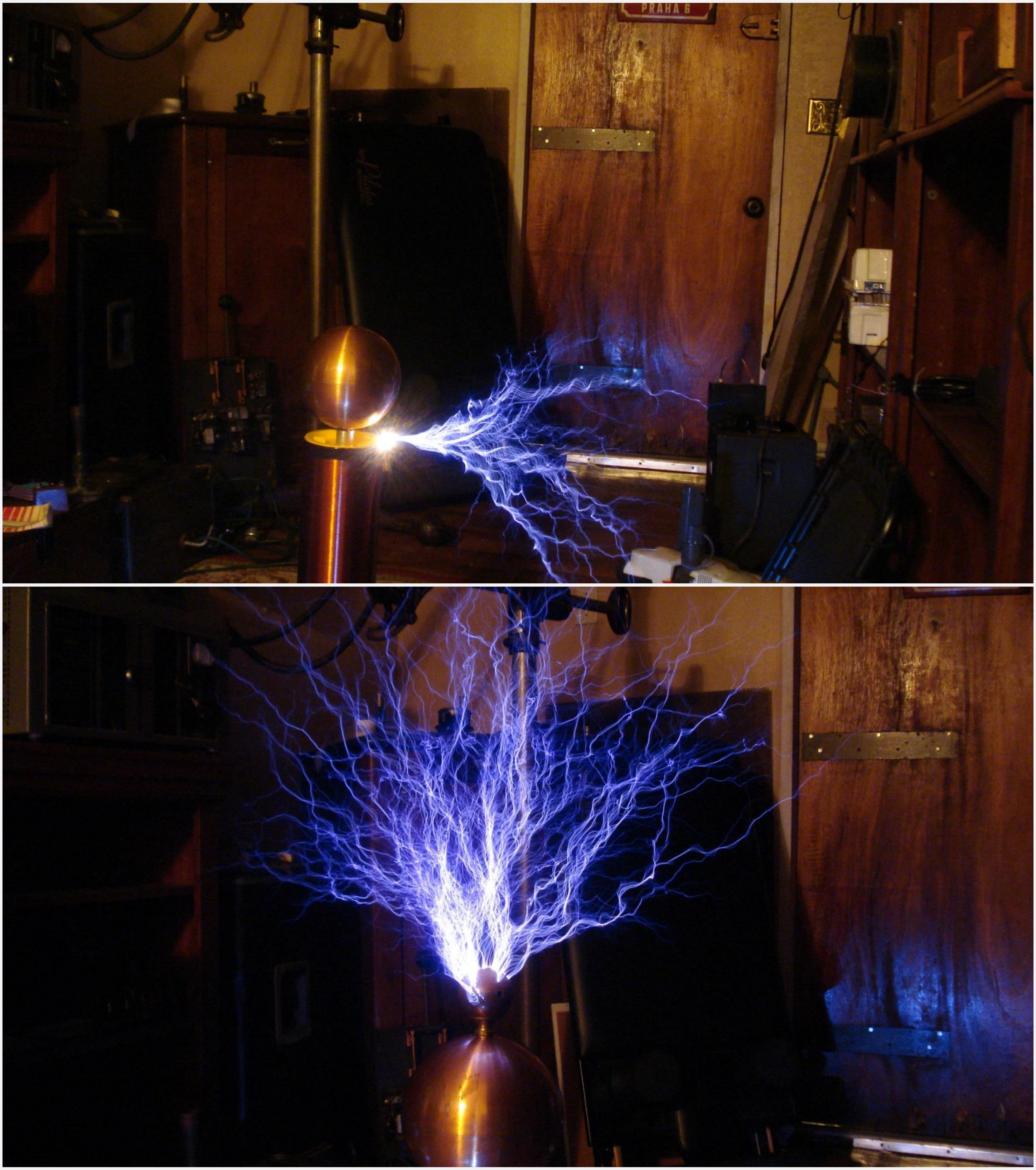
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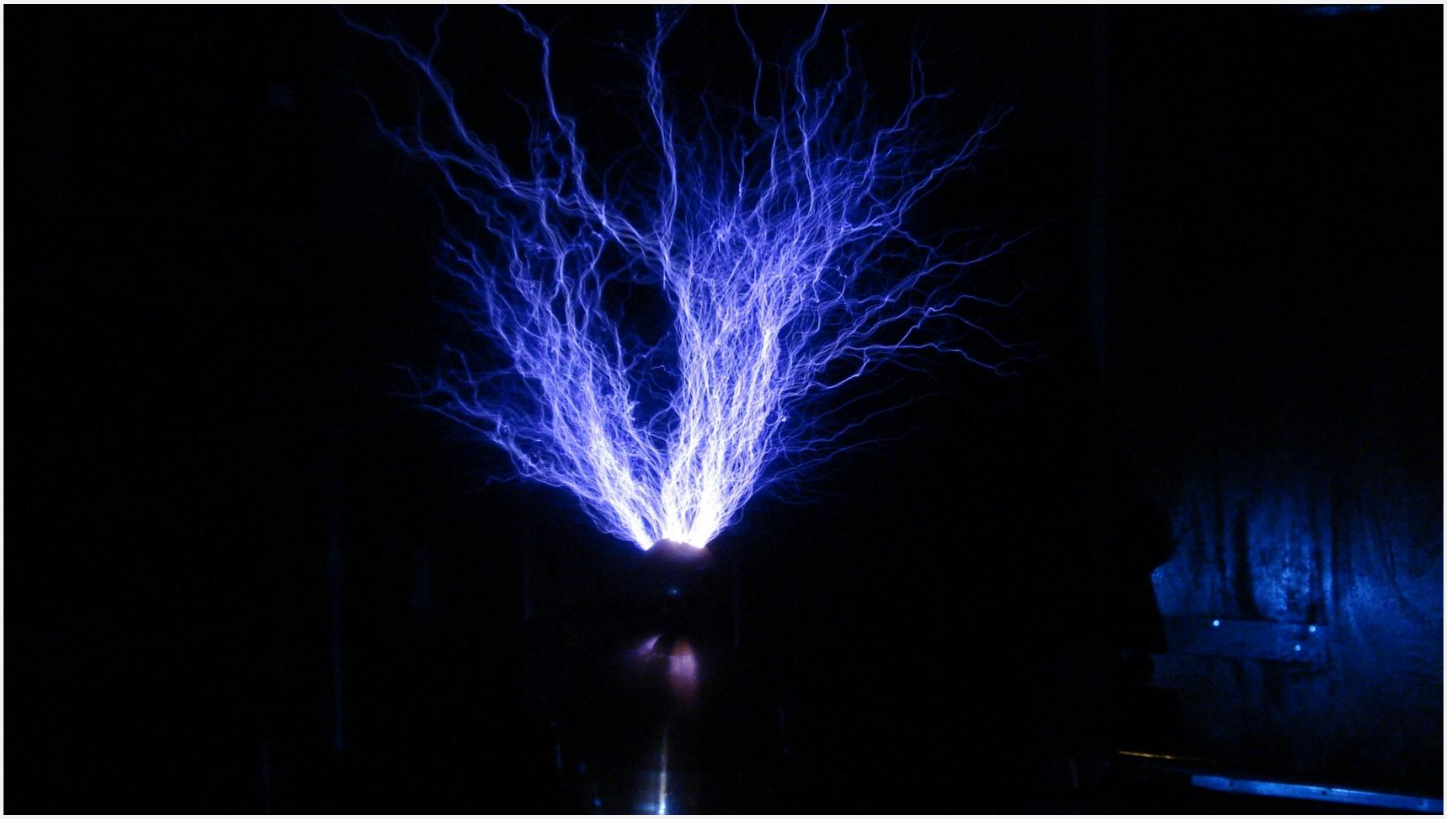
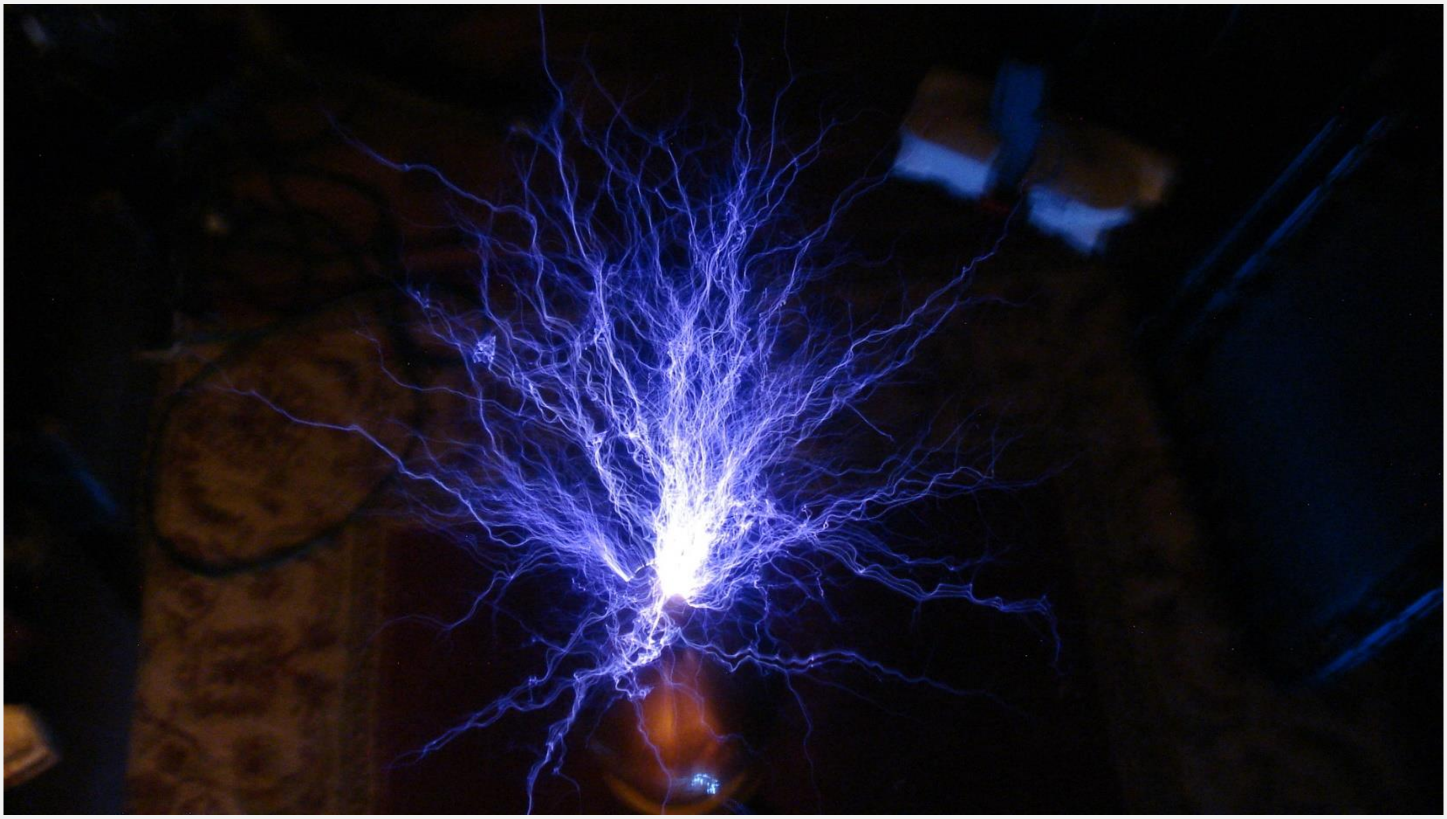
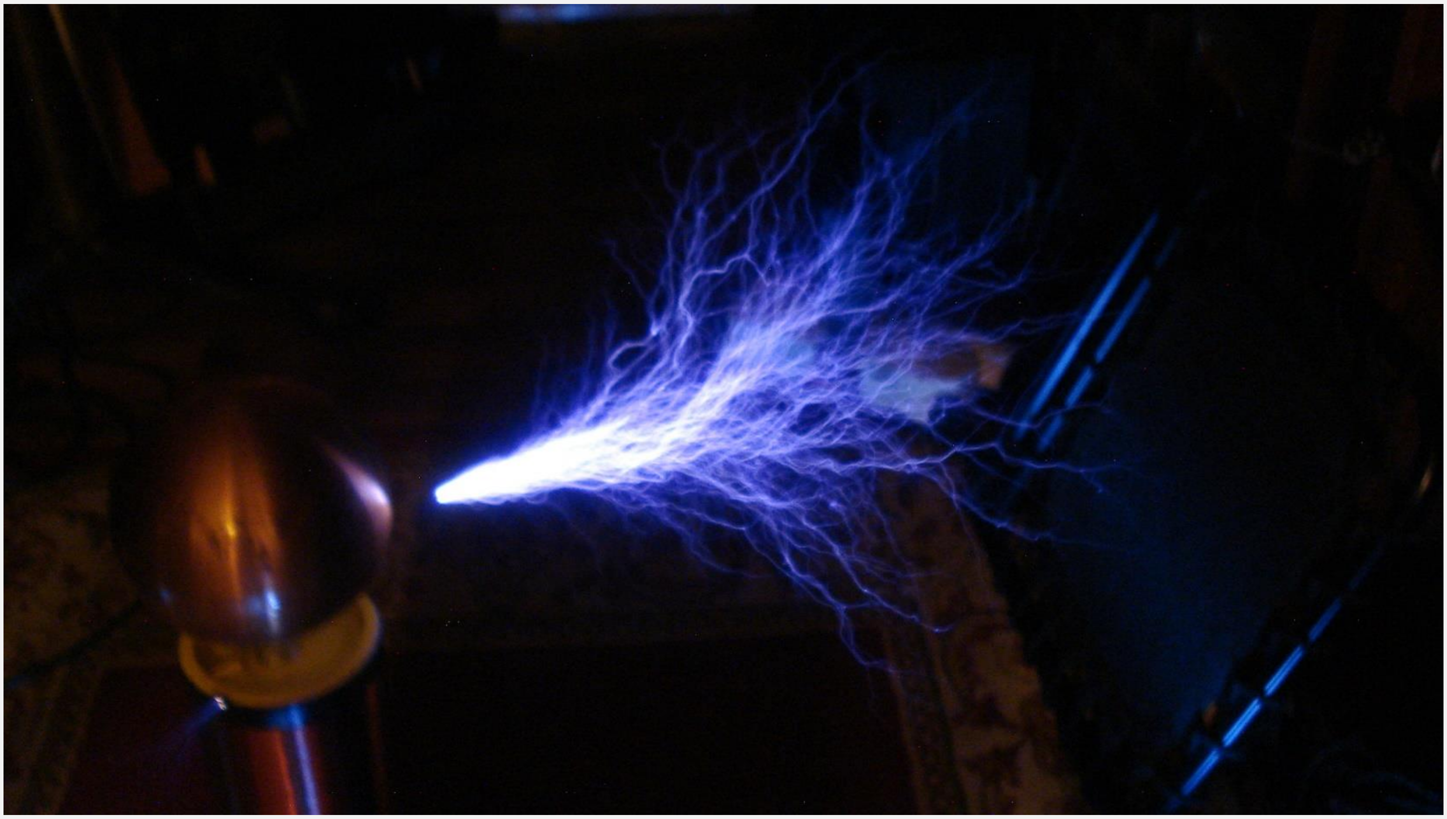
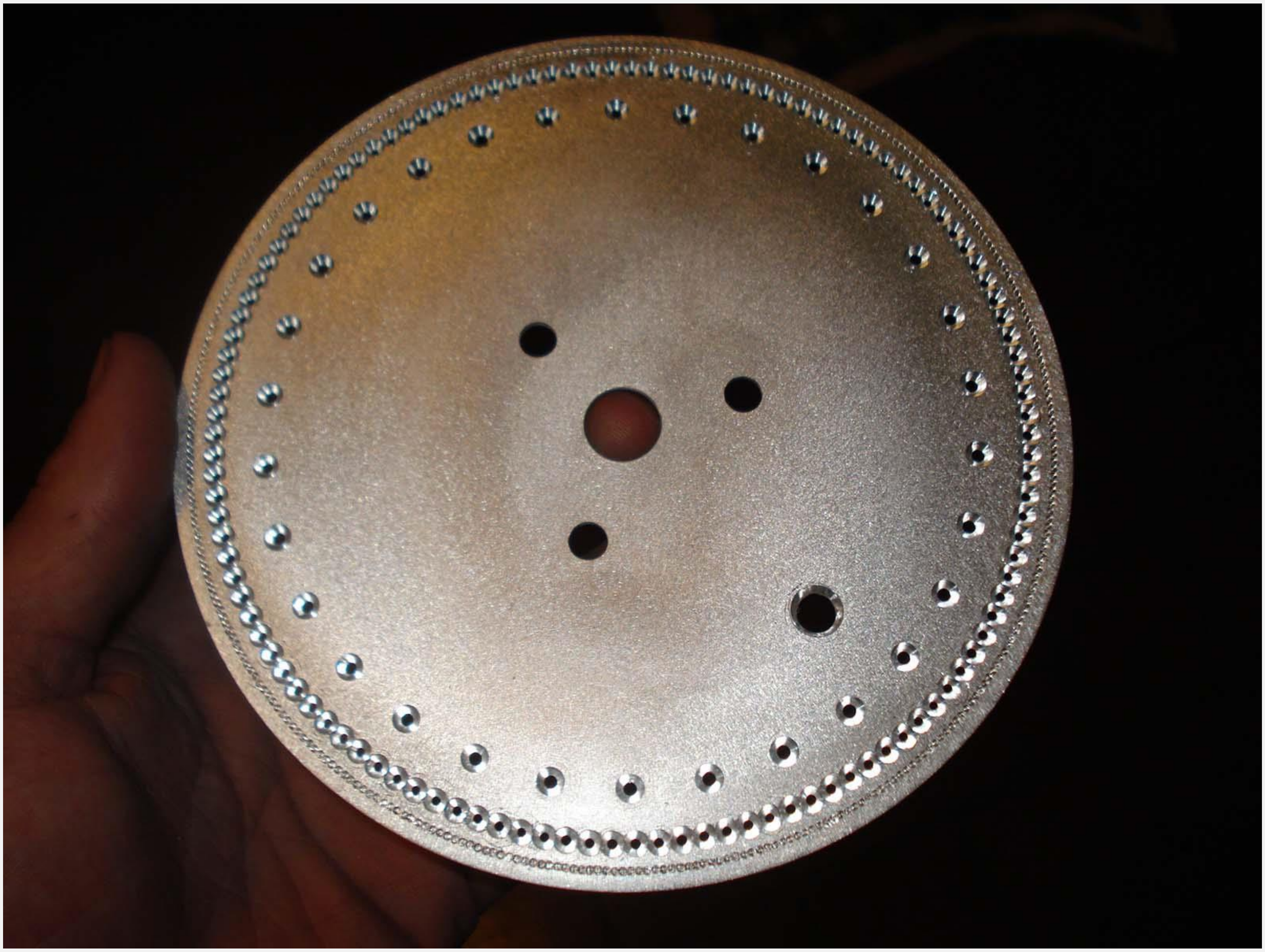
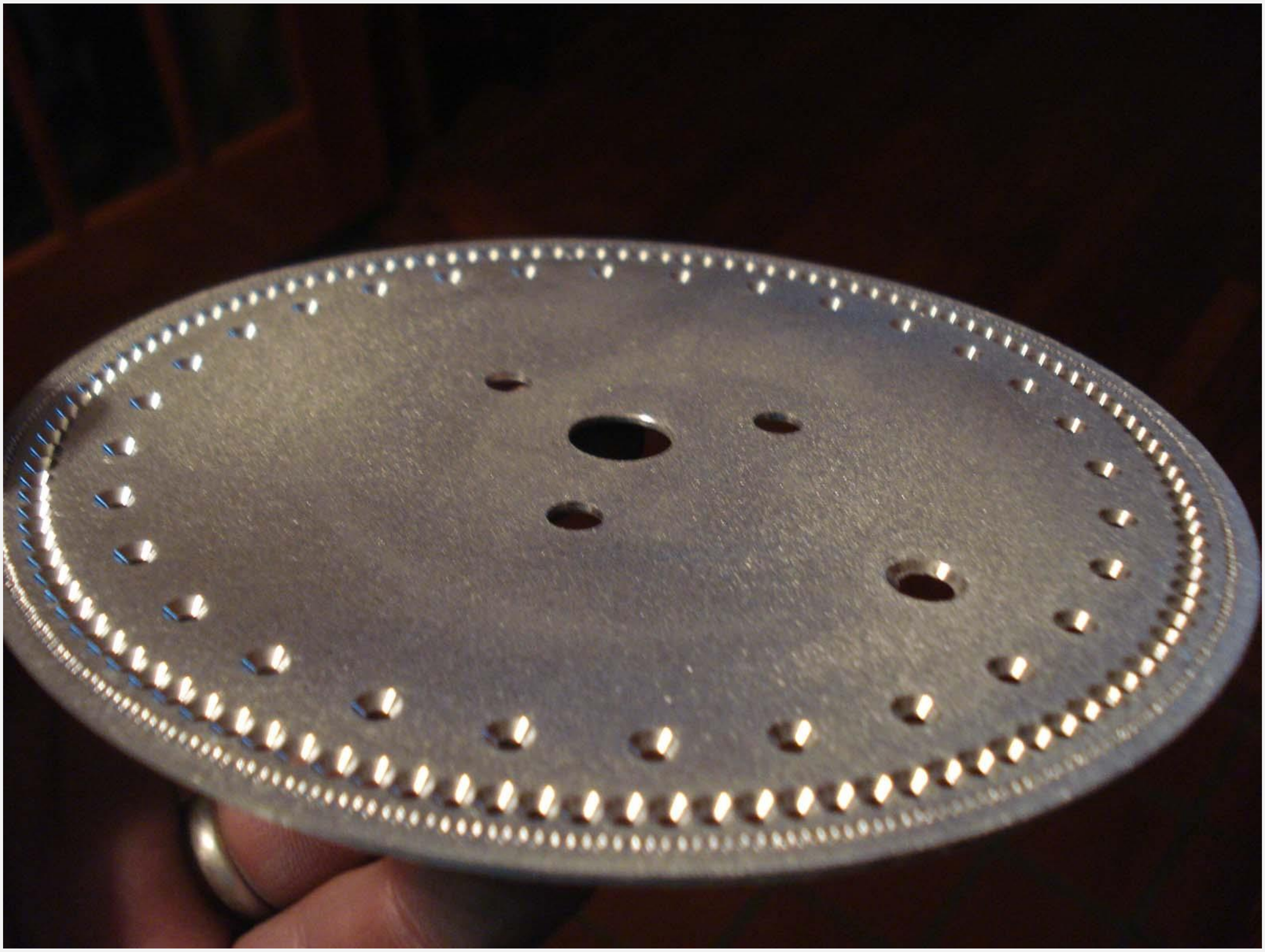
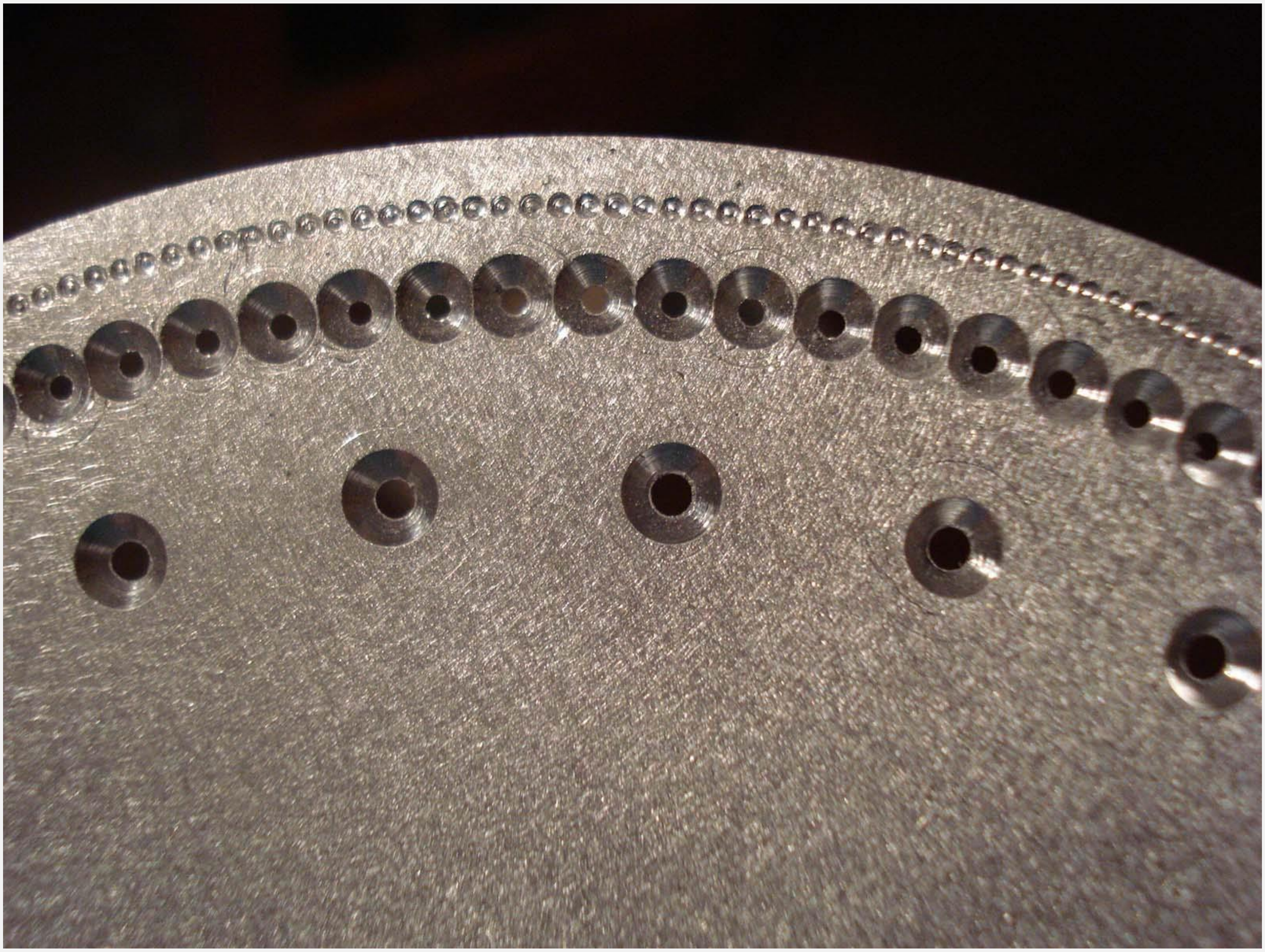


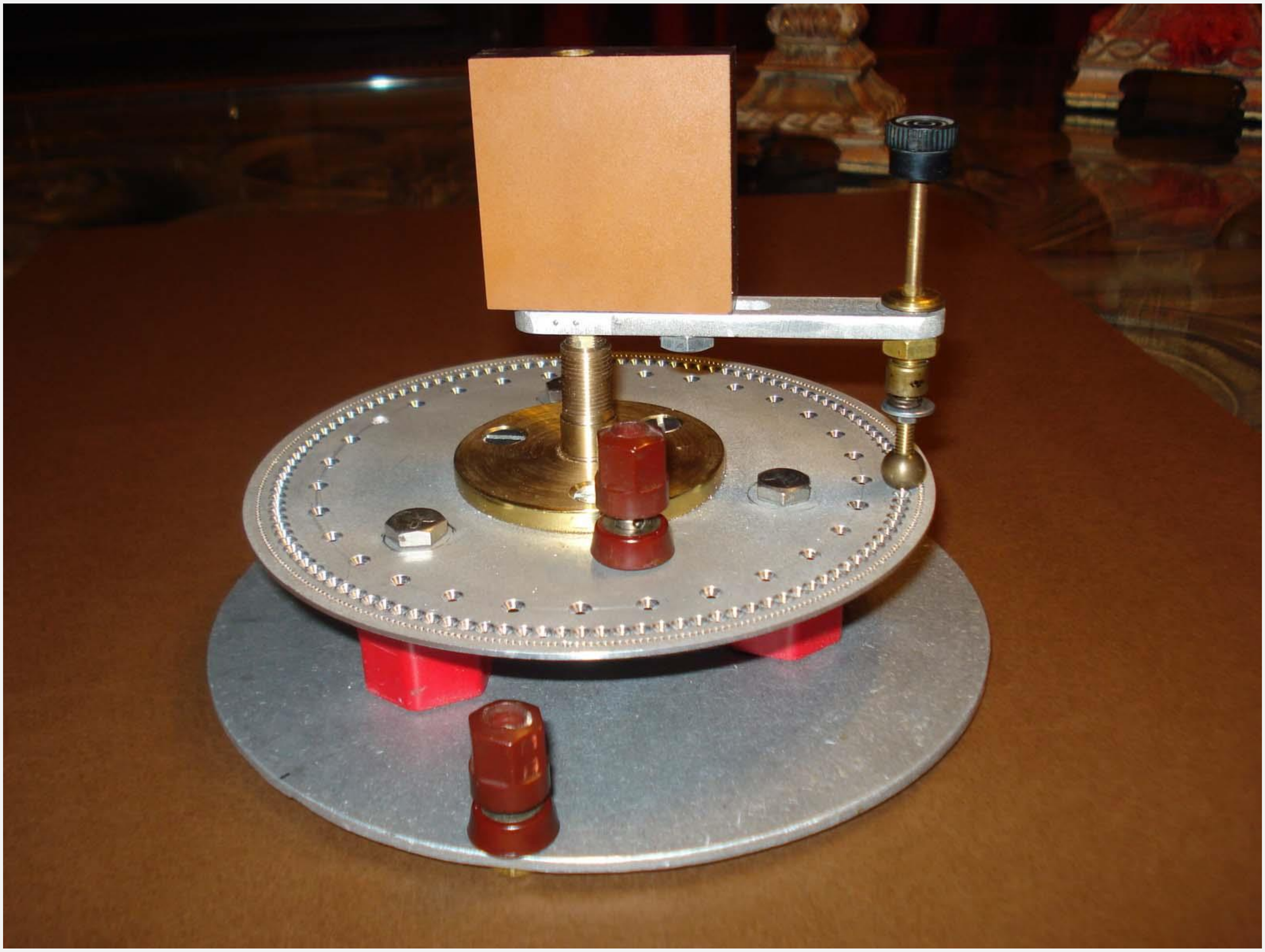


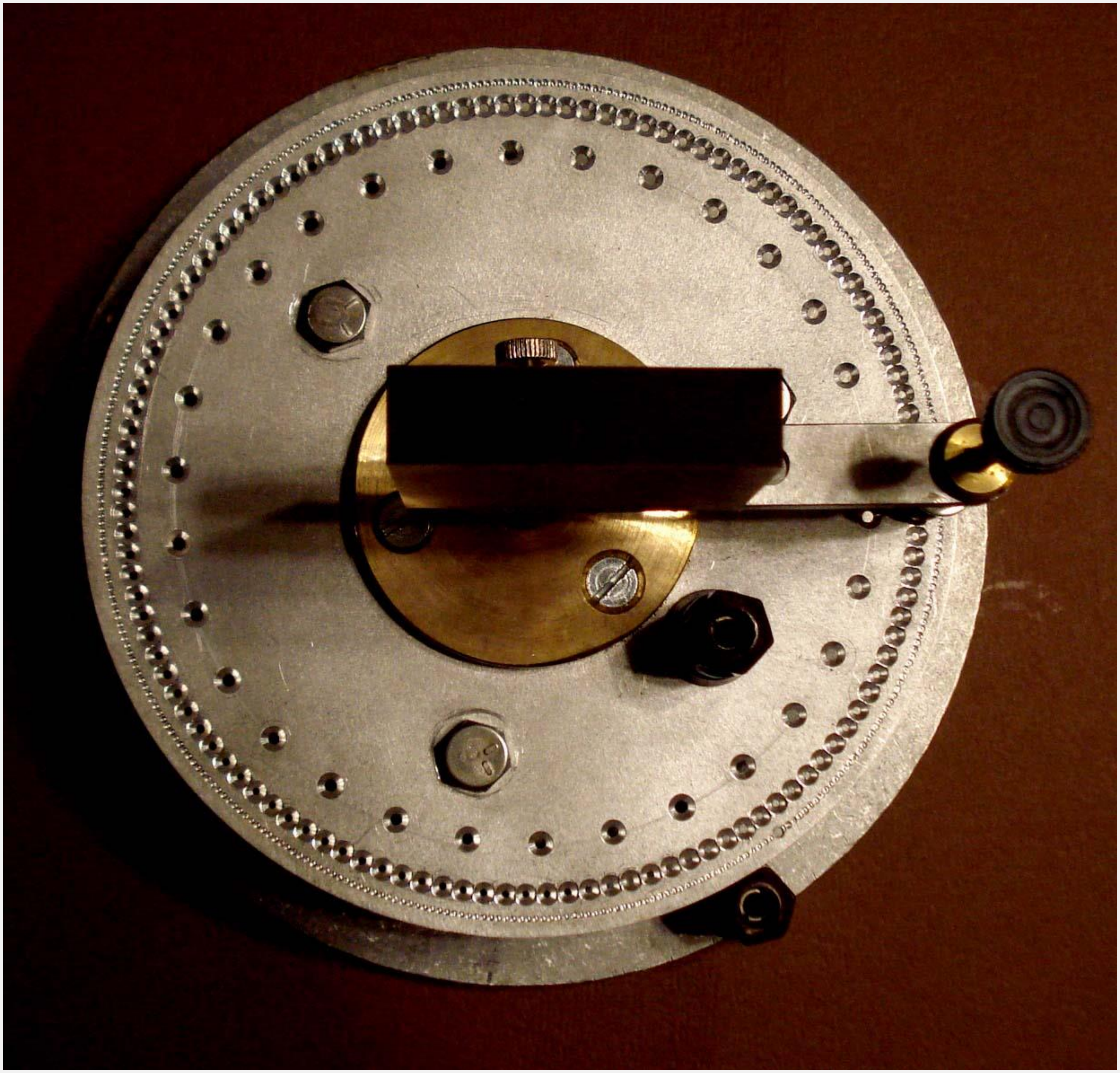


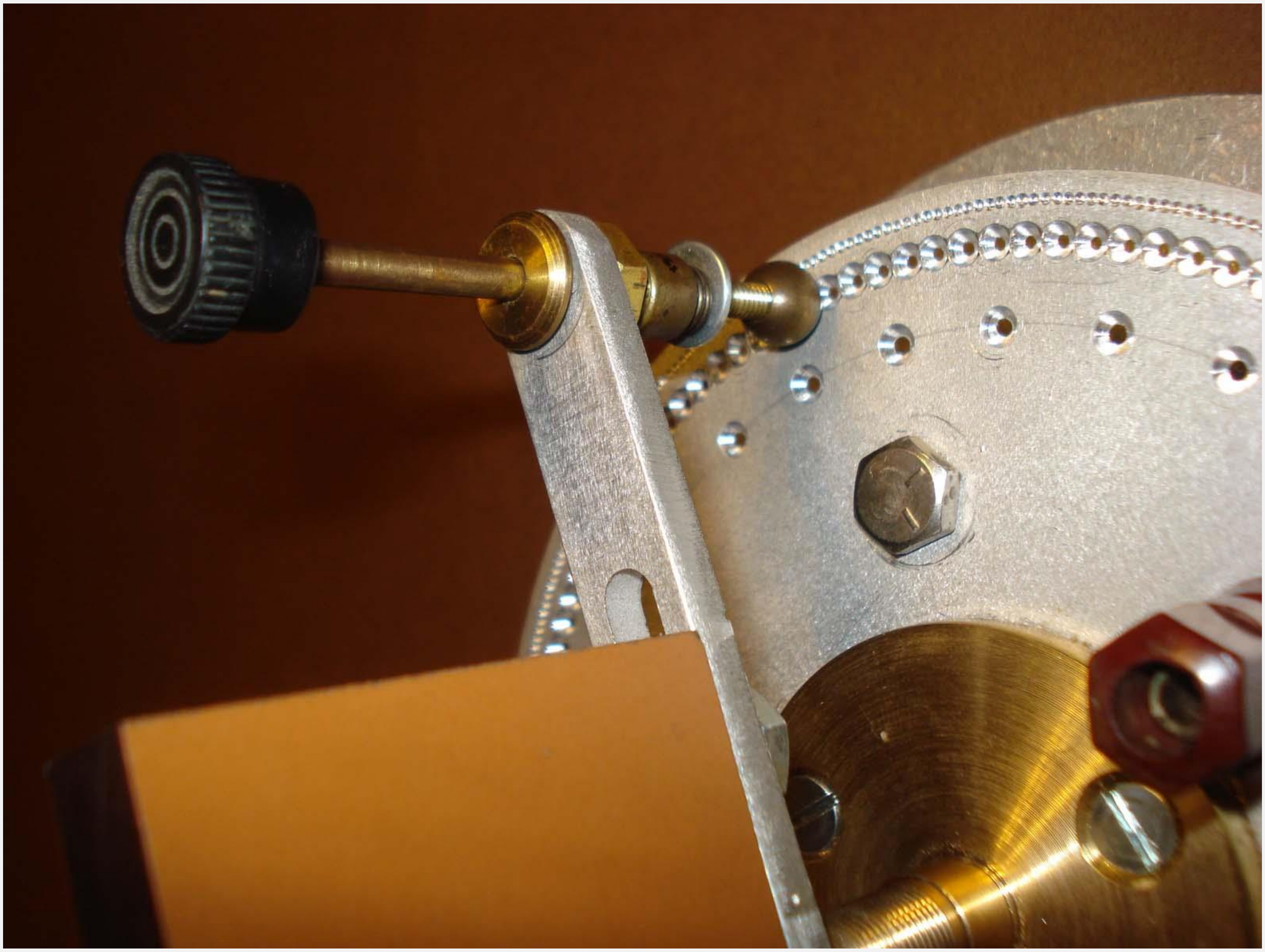


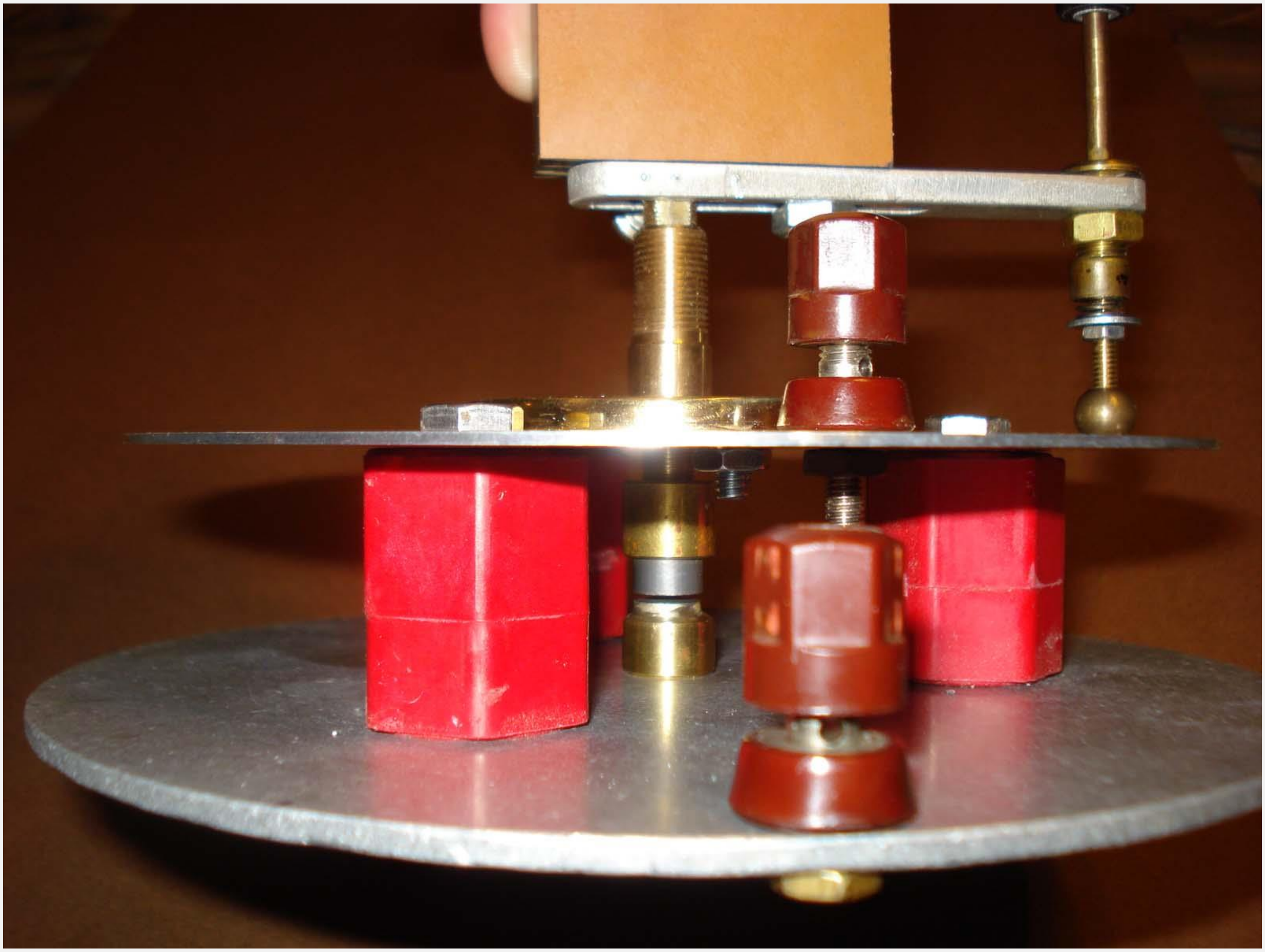


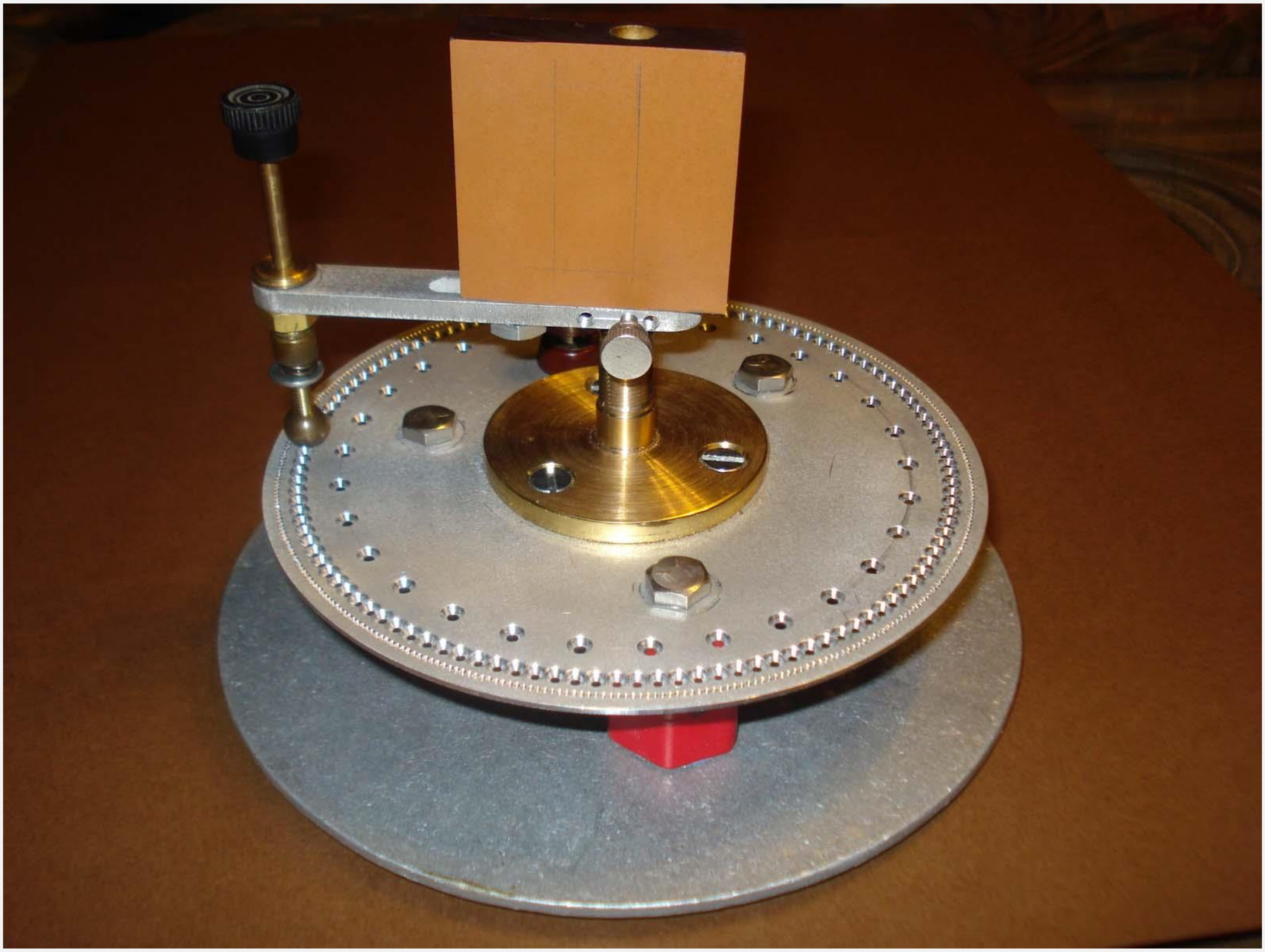


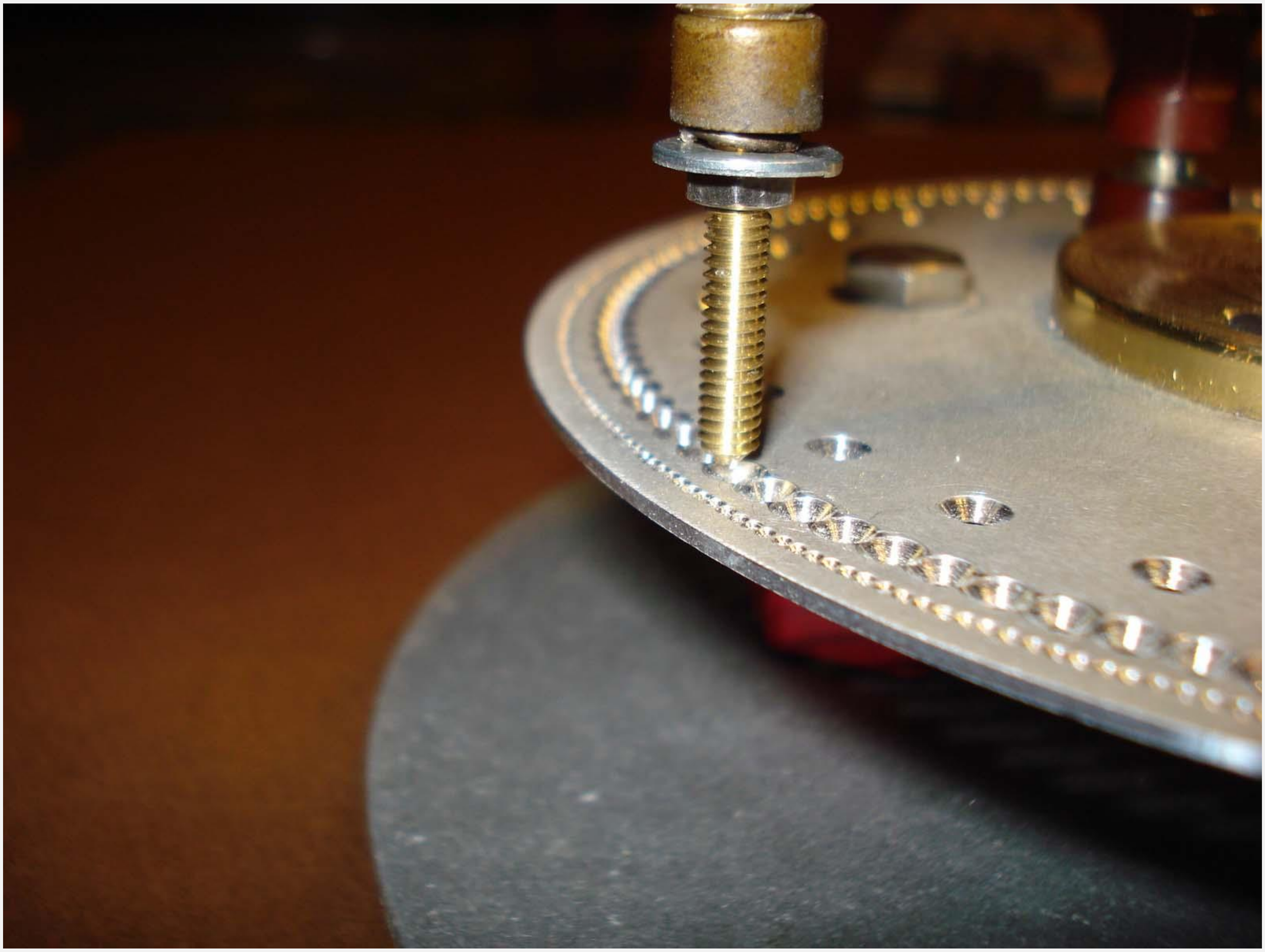


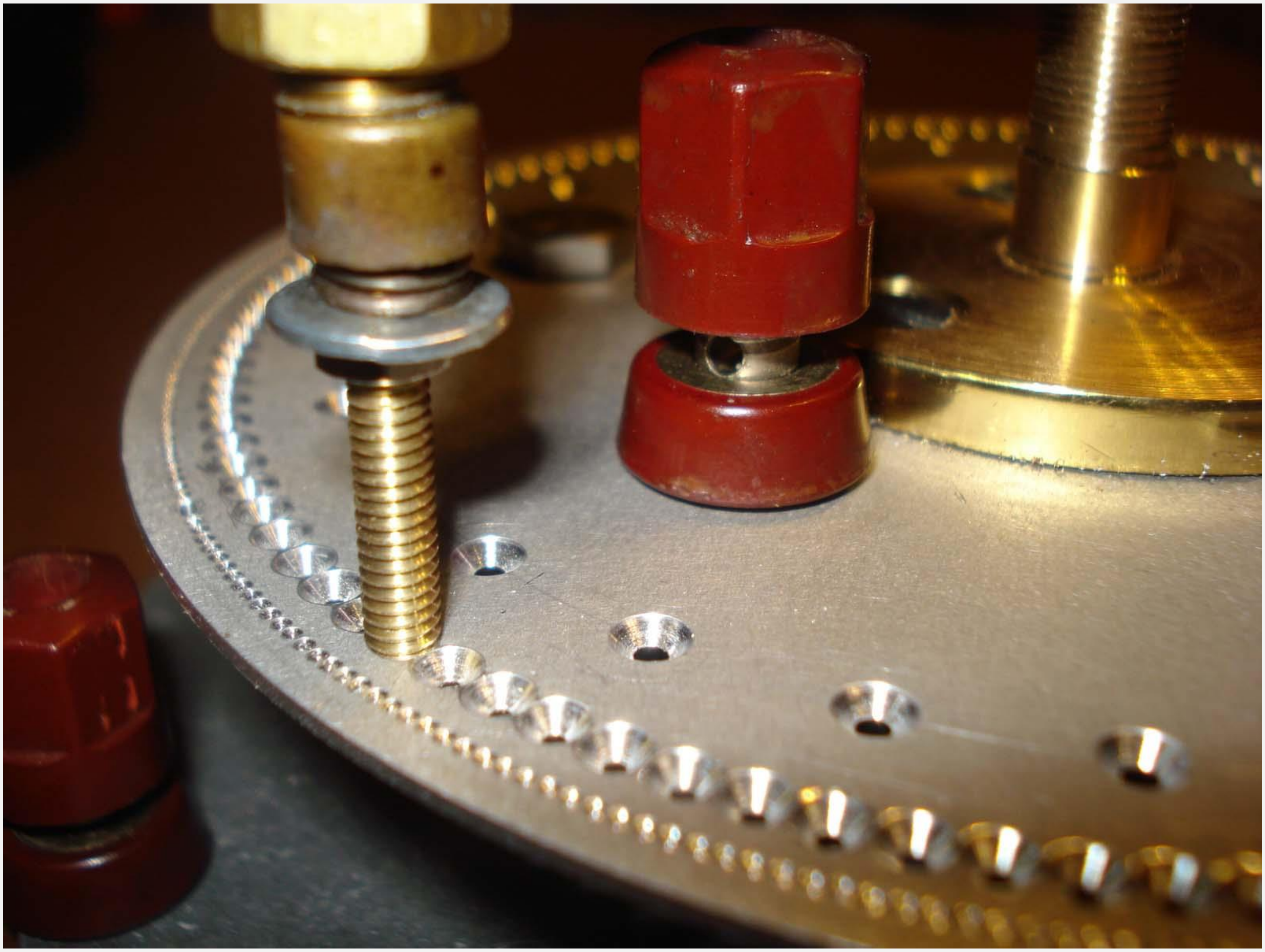


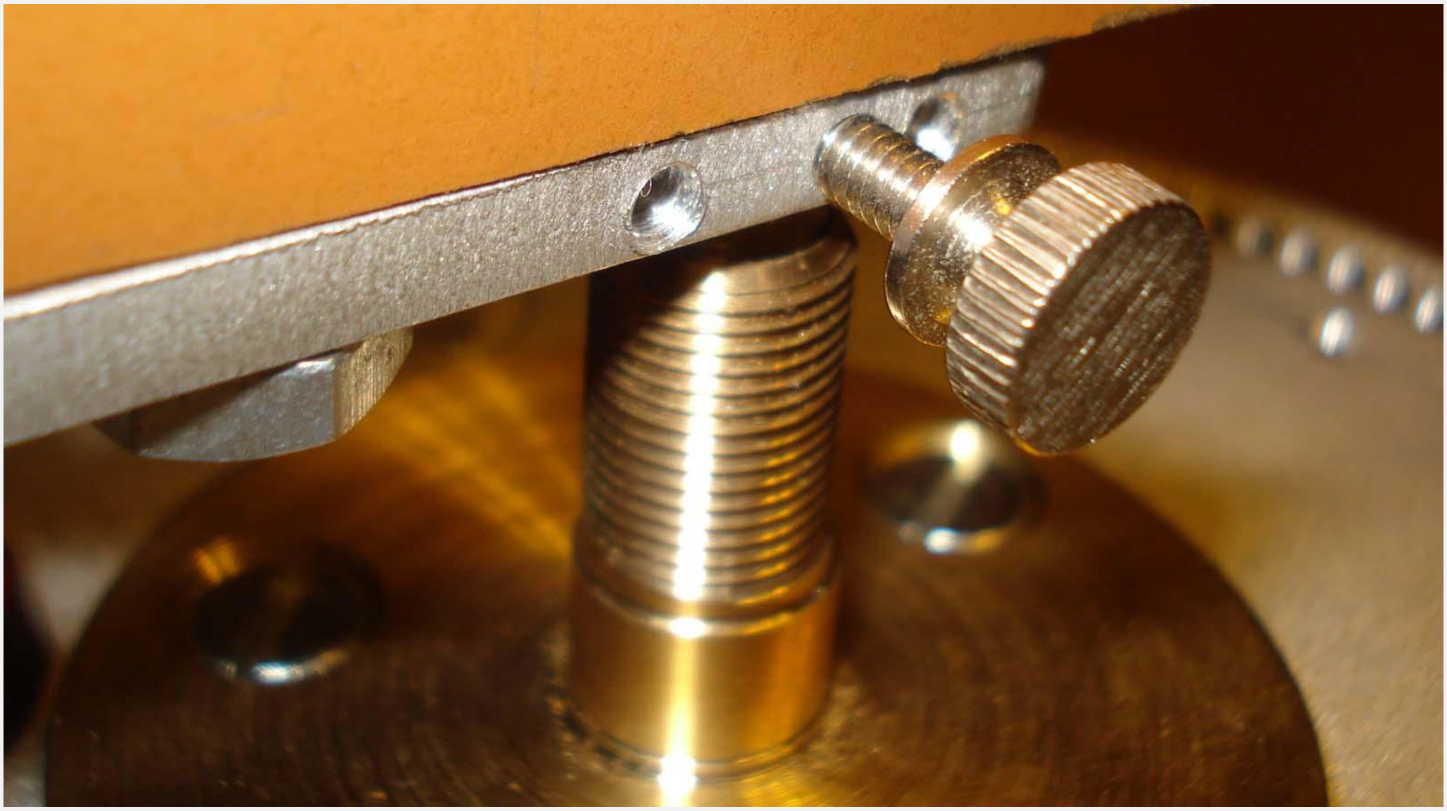


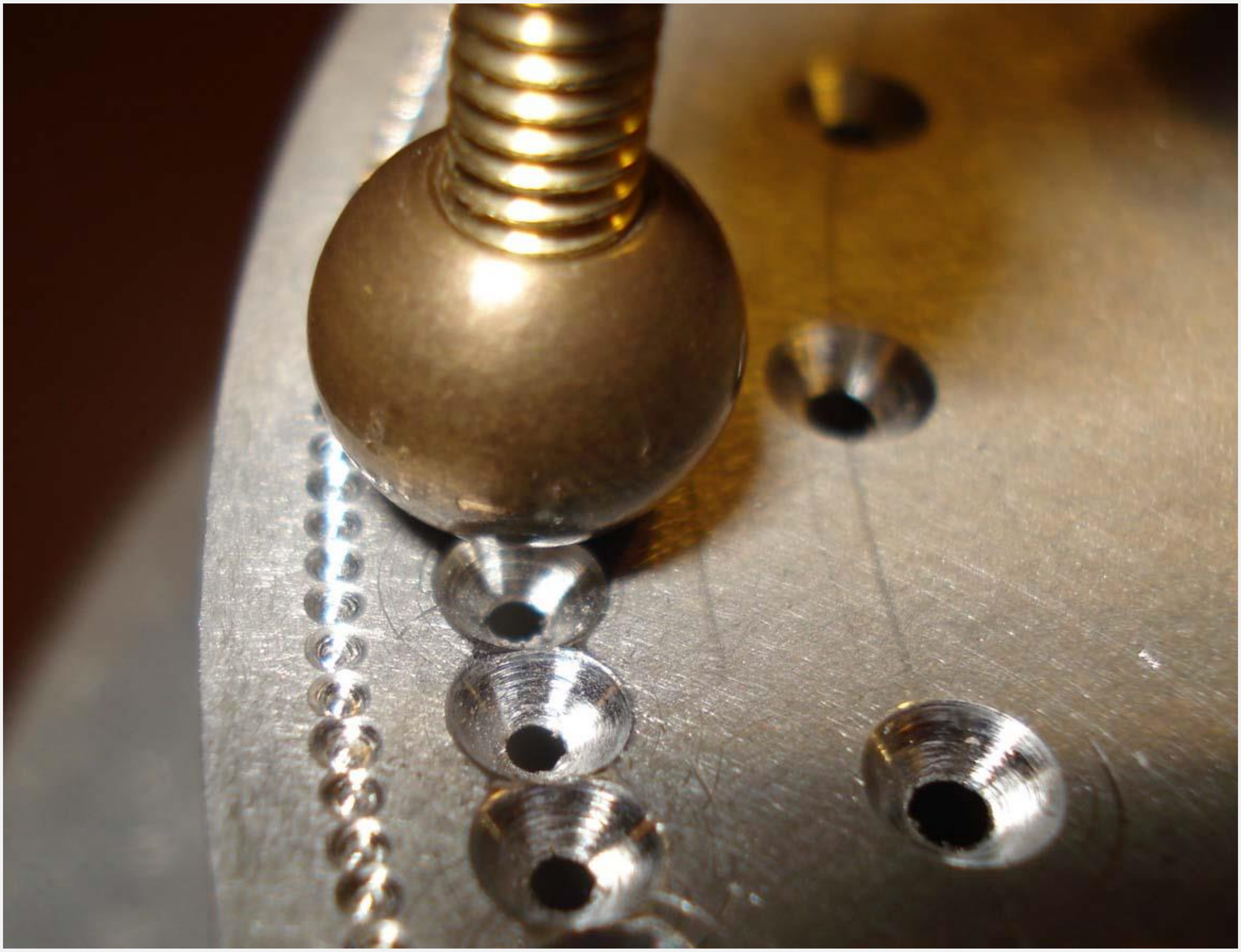


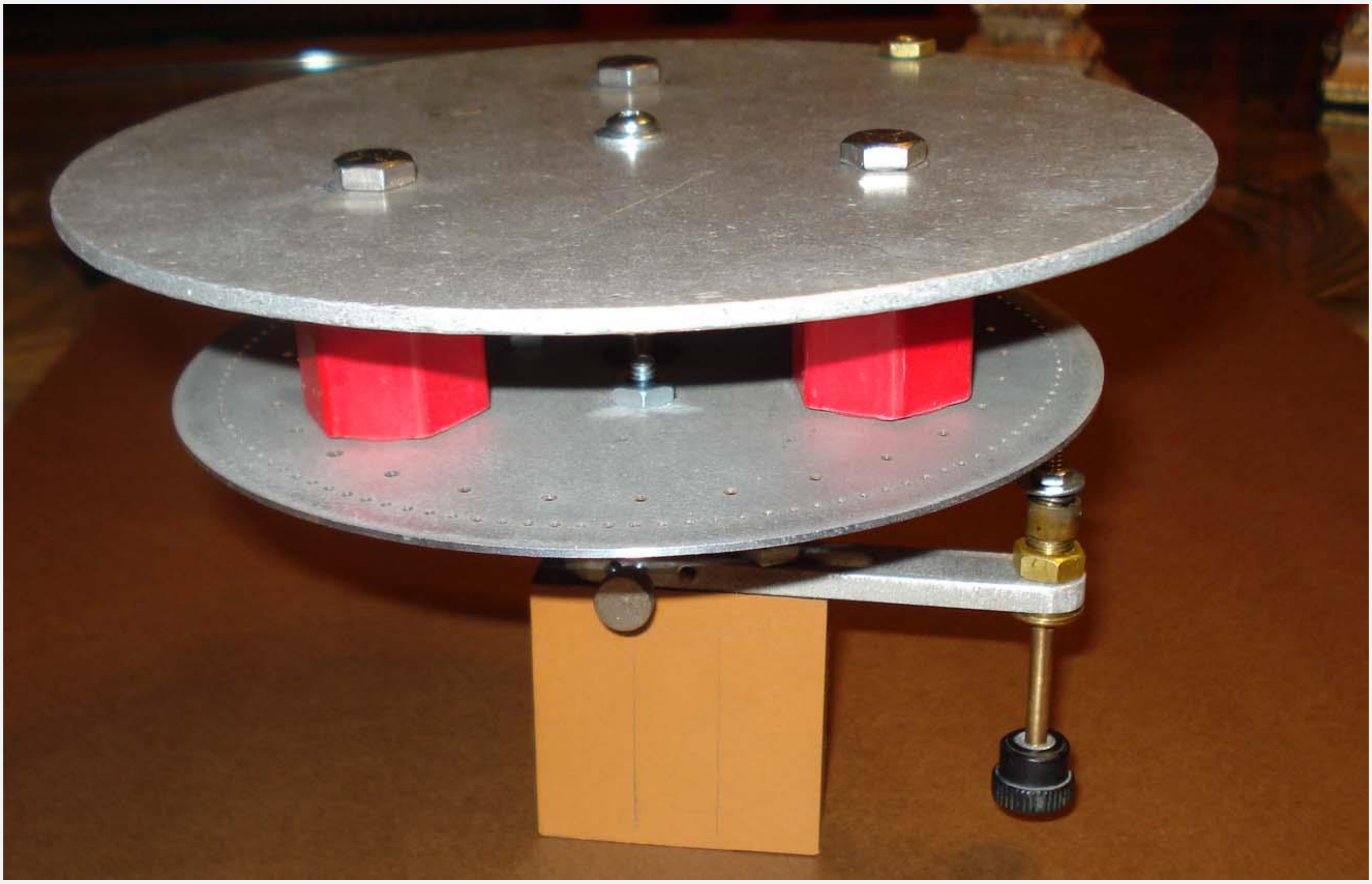


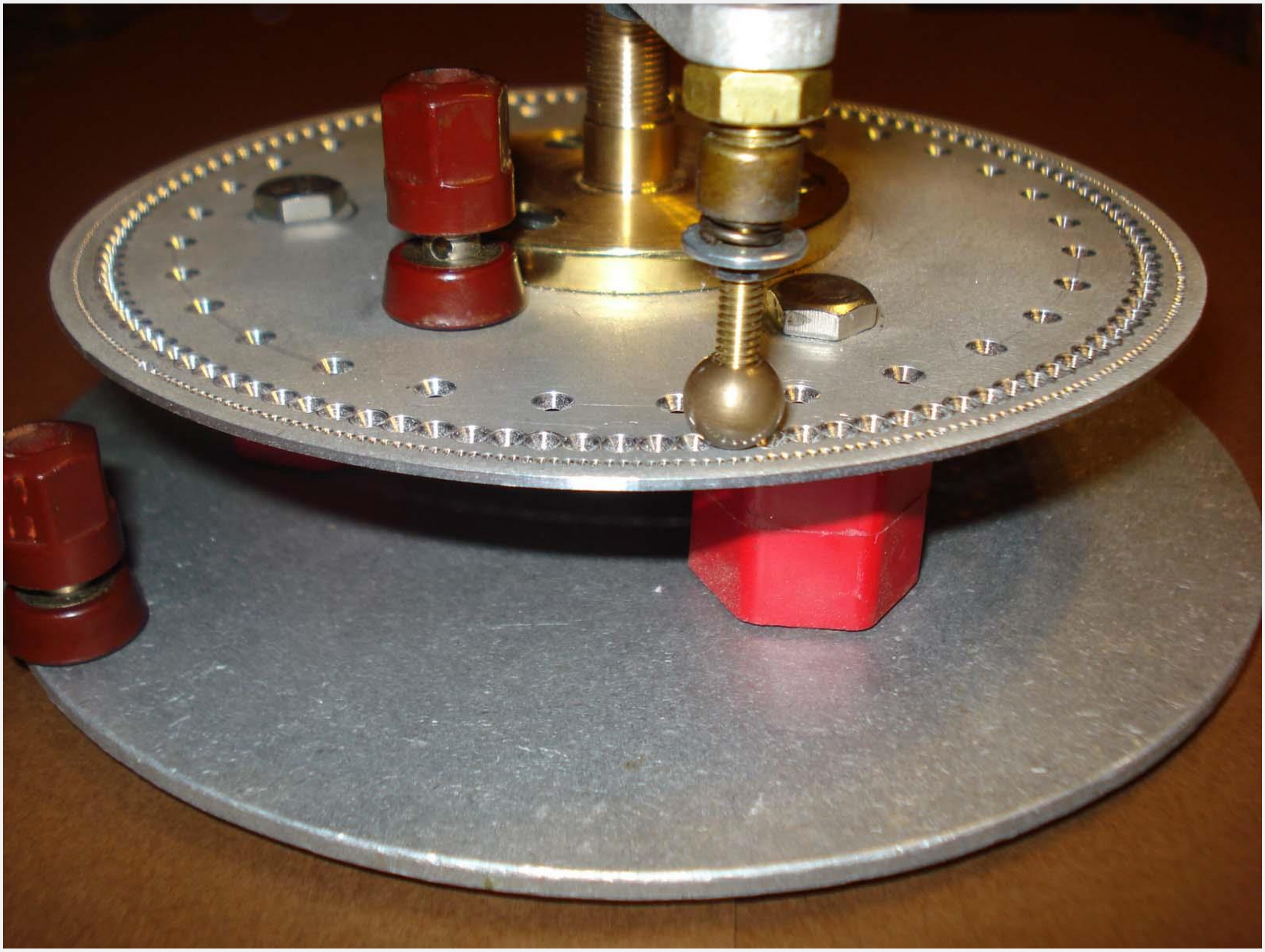


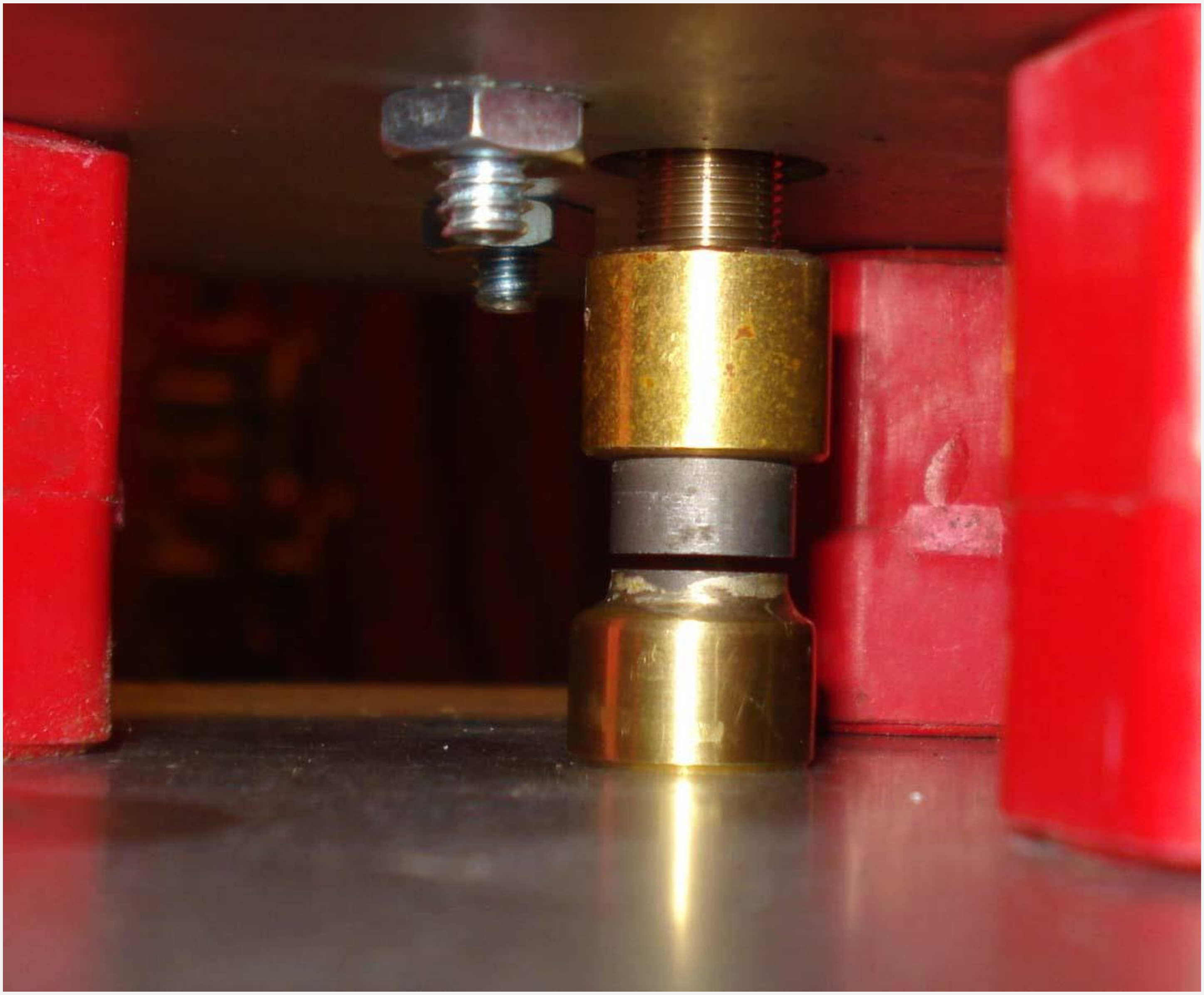




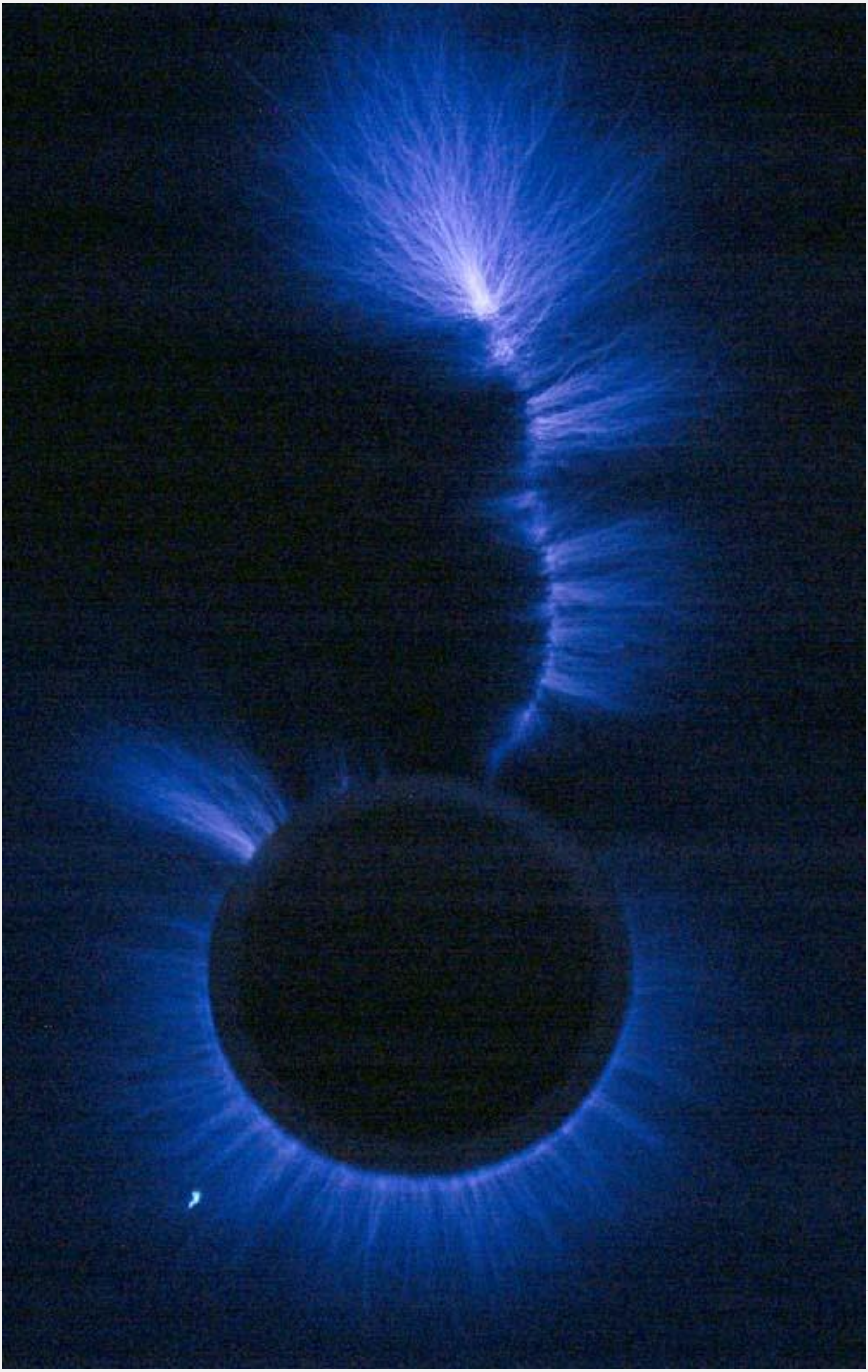


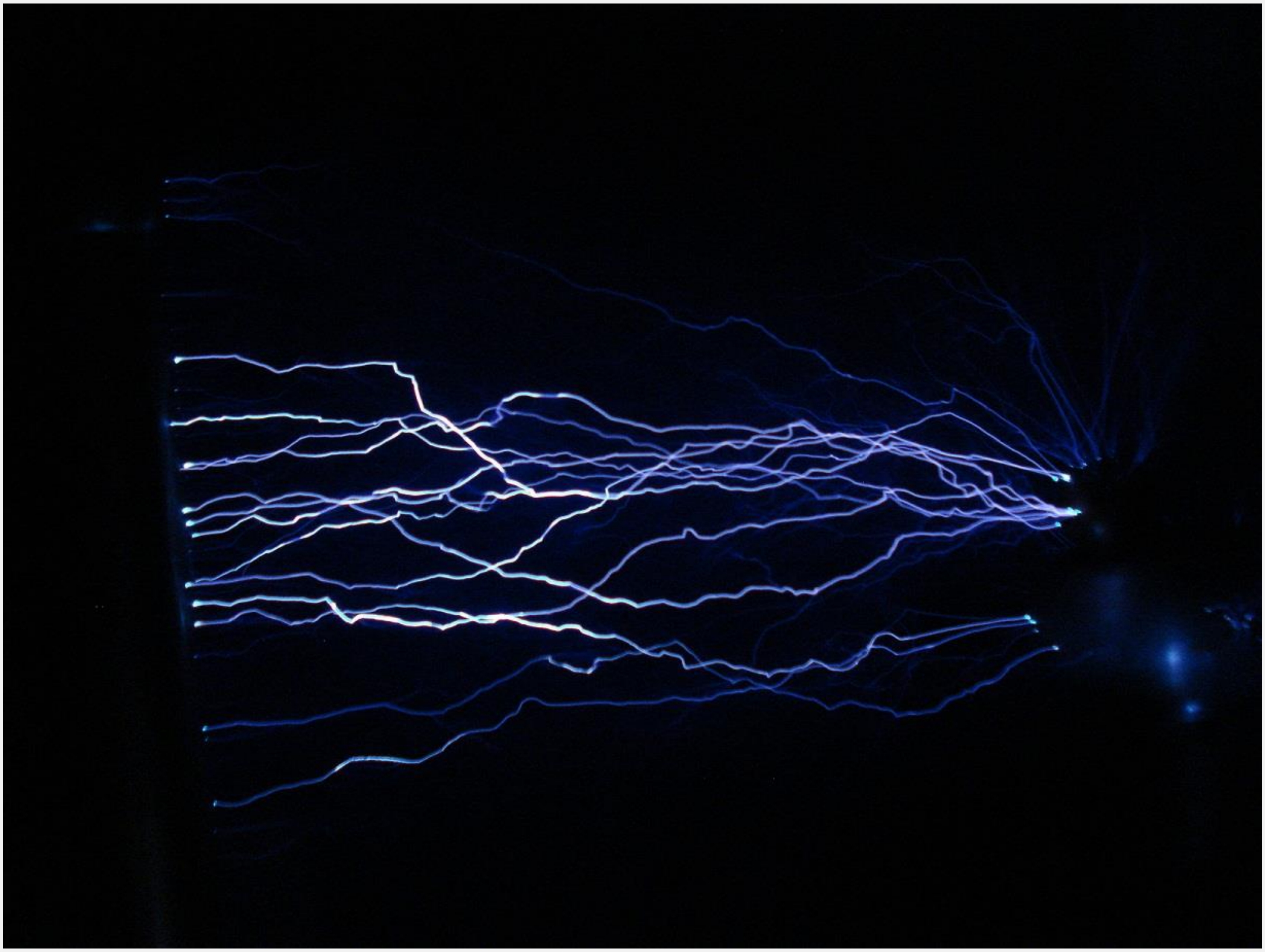


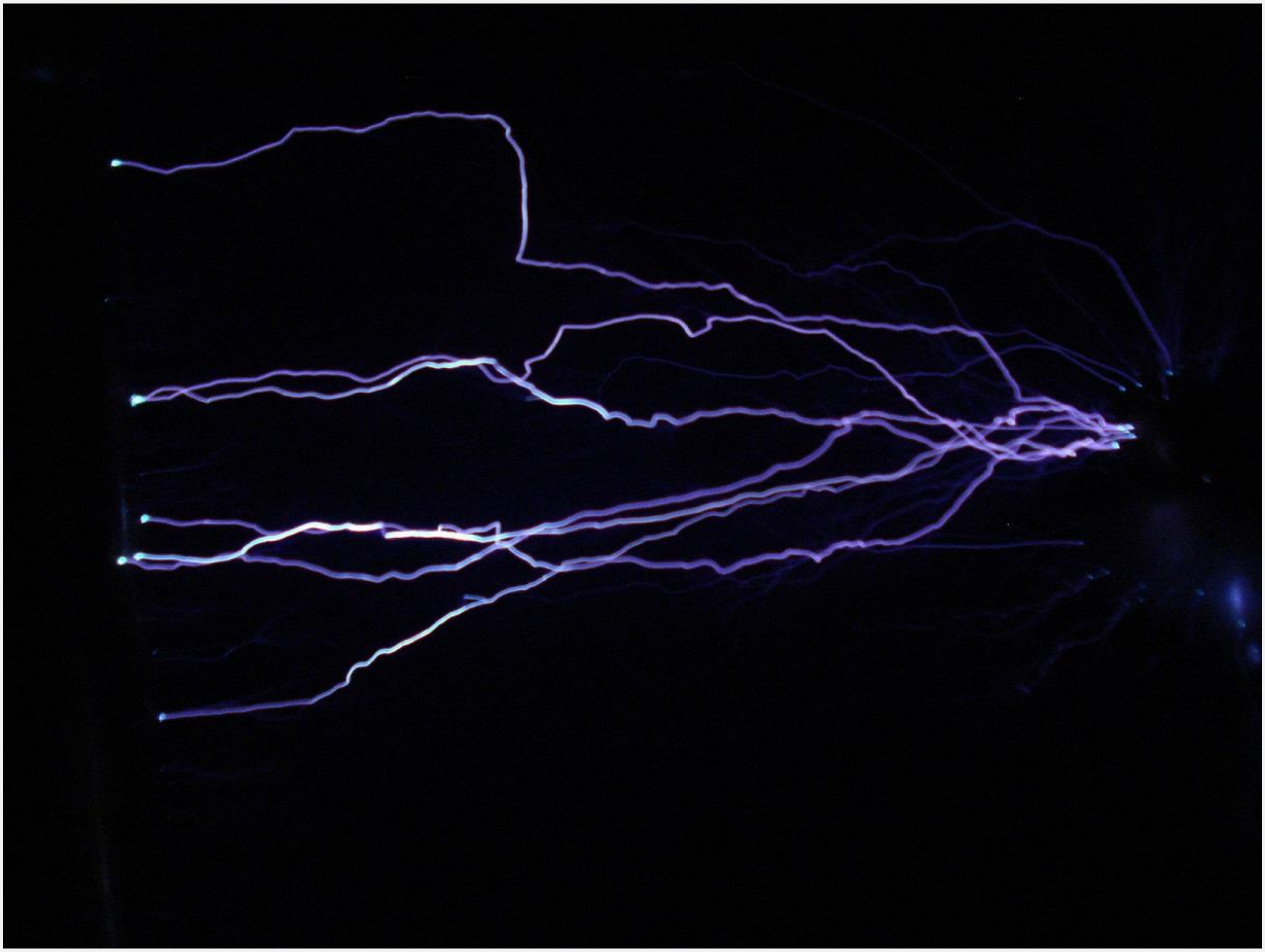


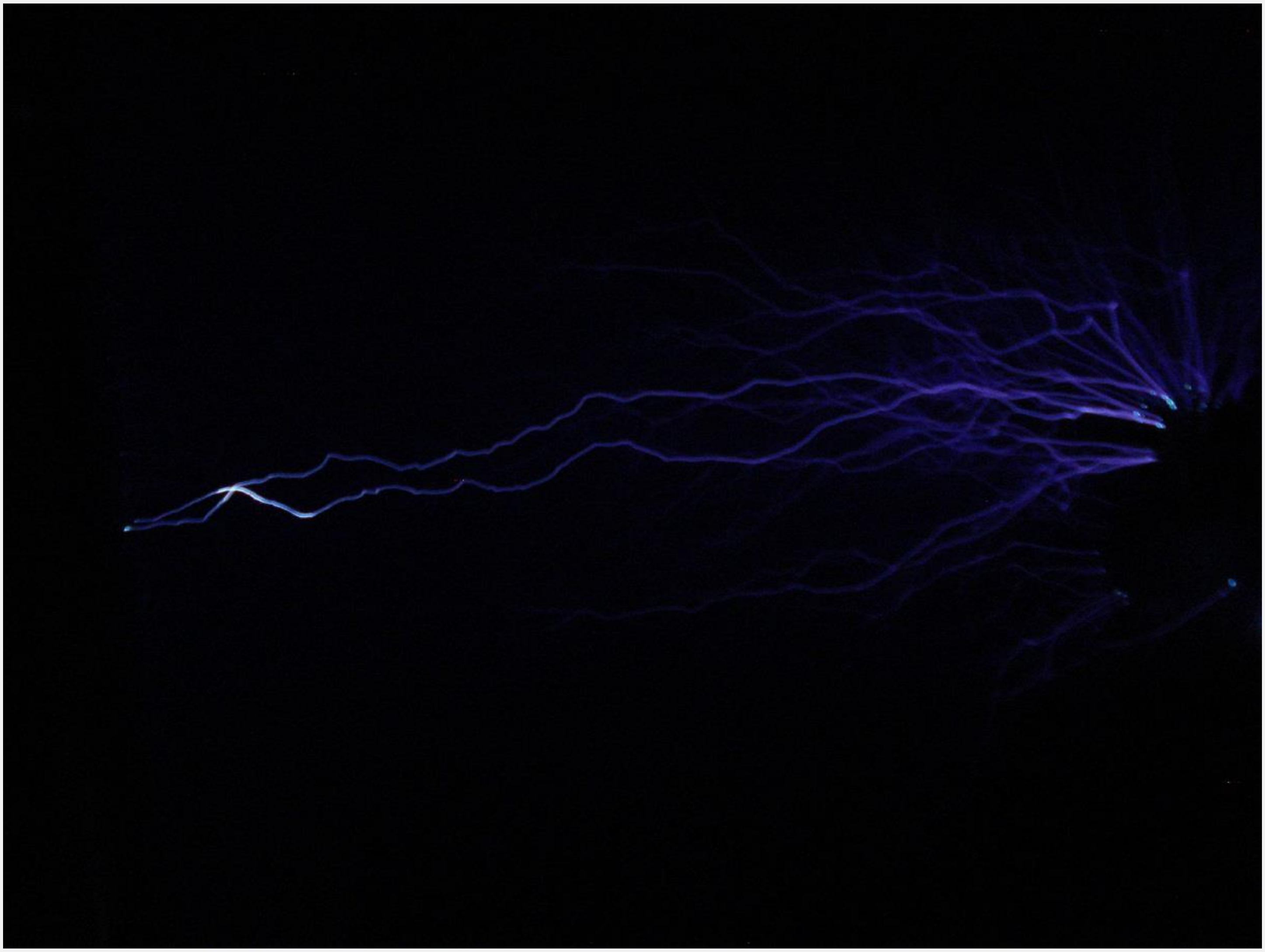


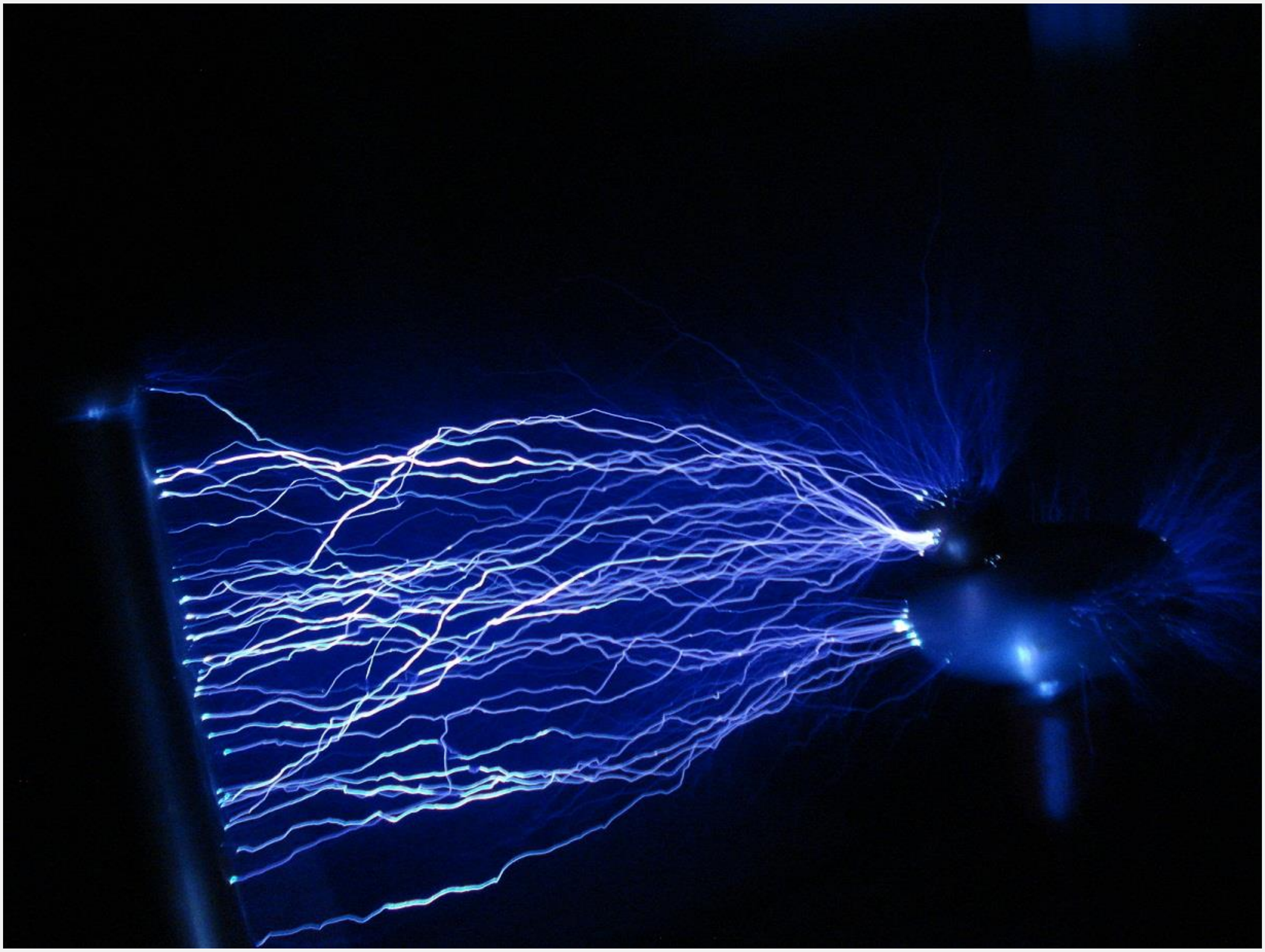
Dividing head micrometer Spark Gap

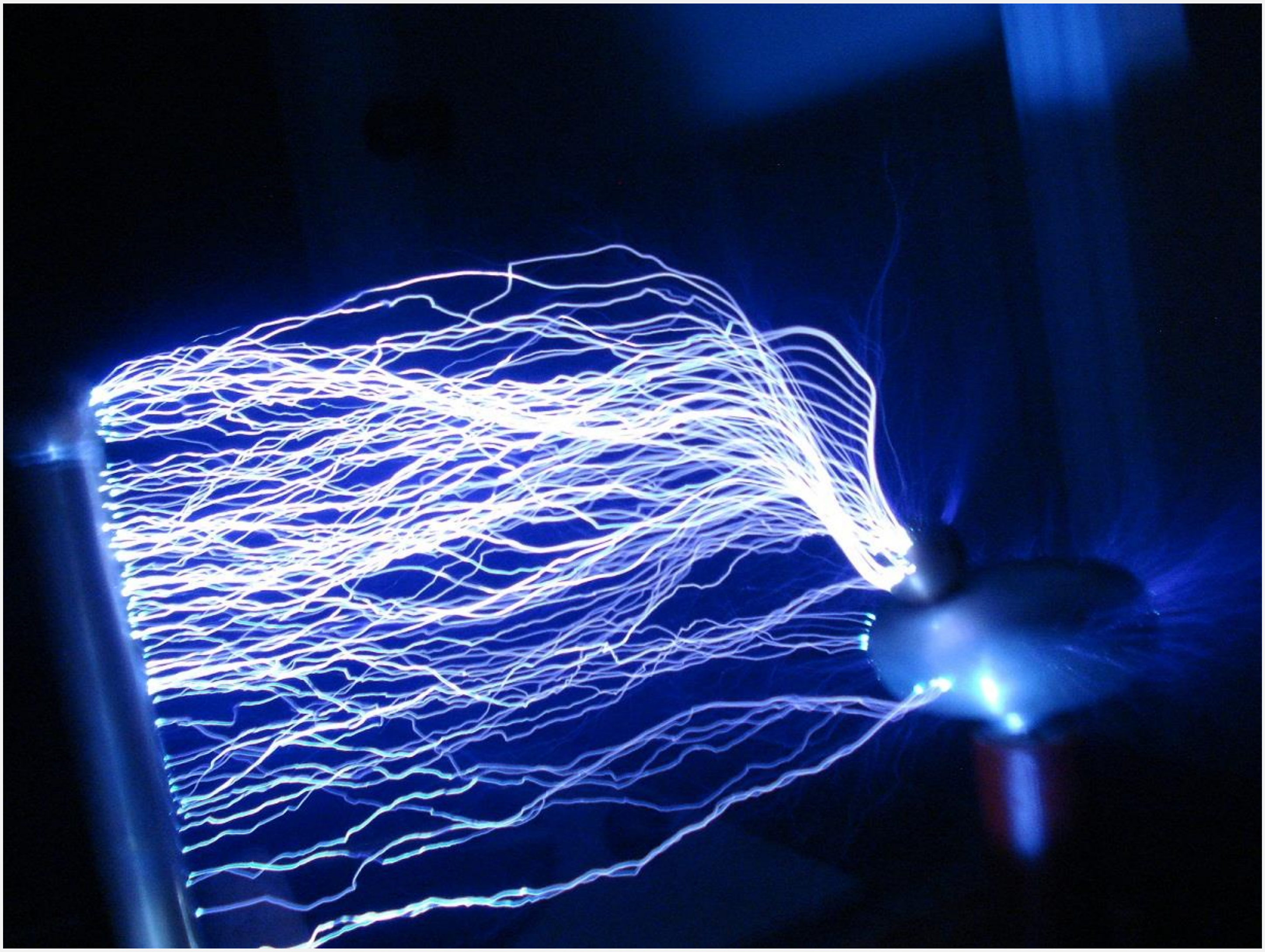


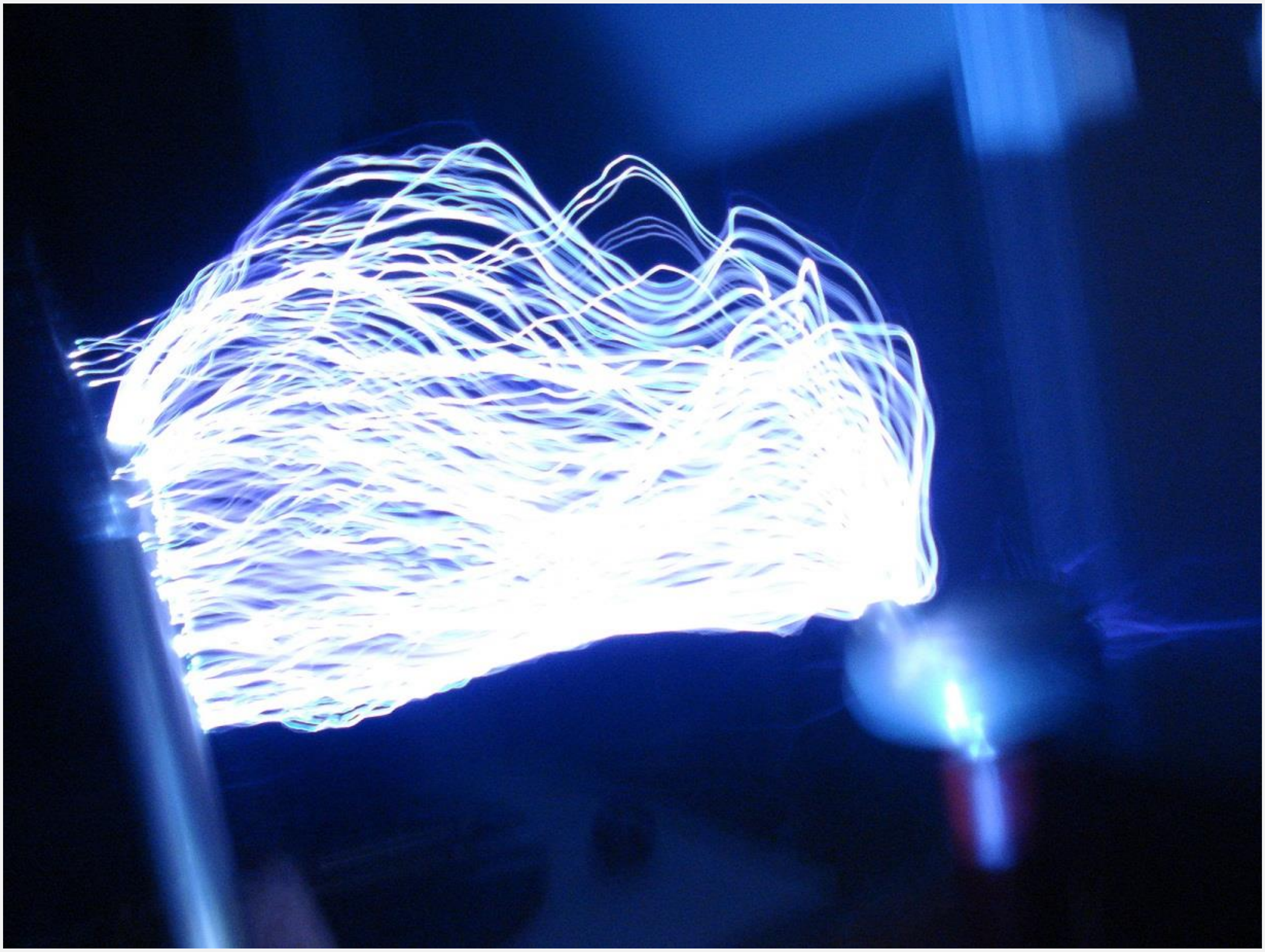


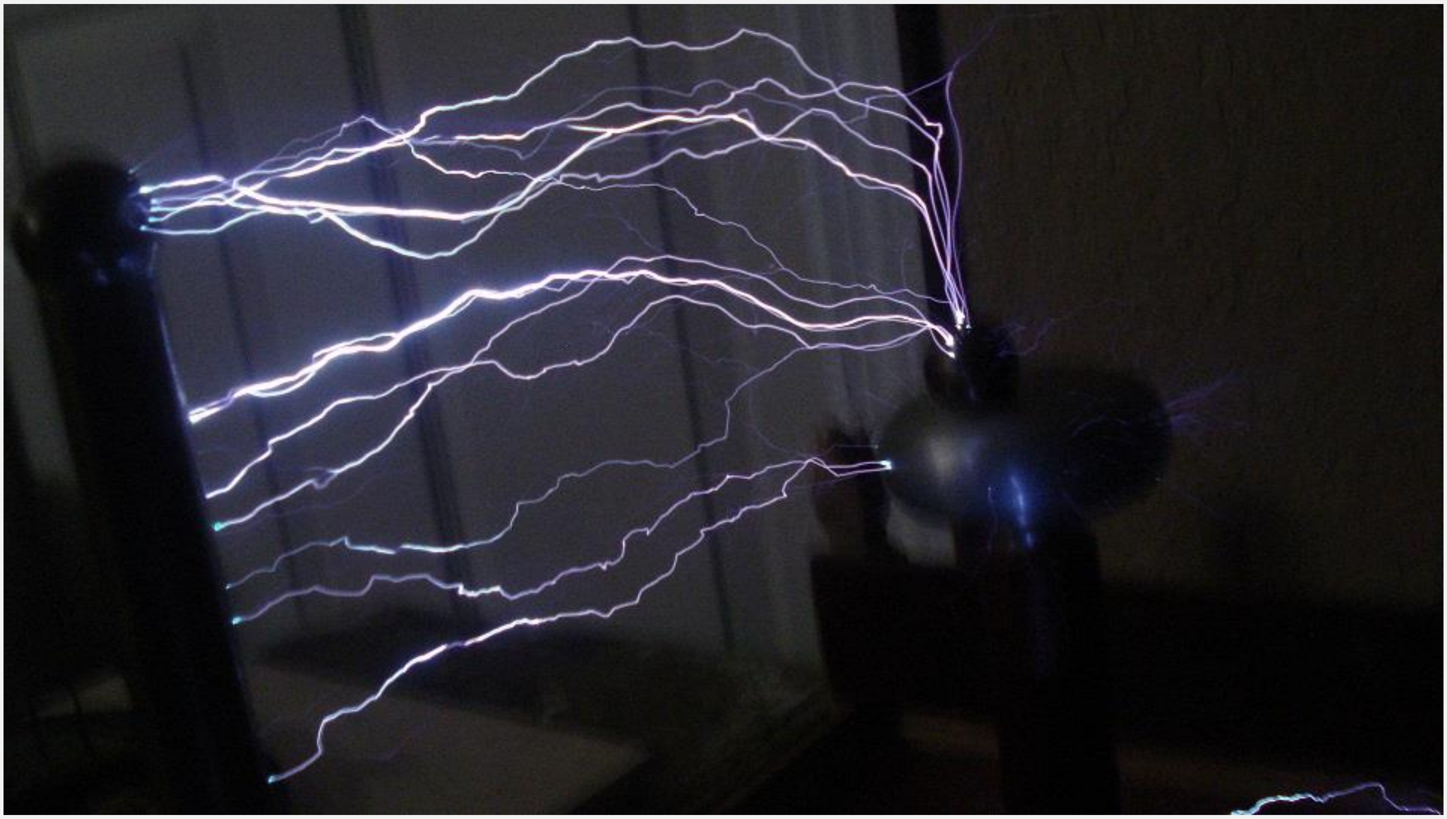


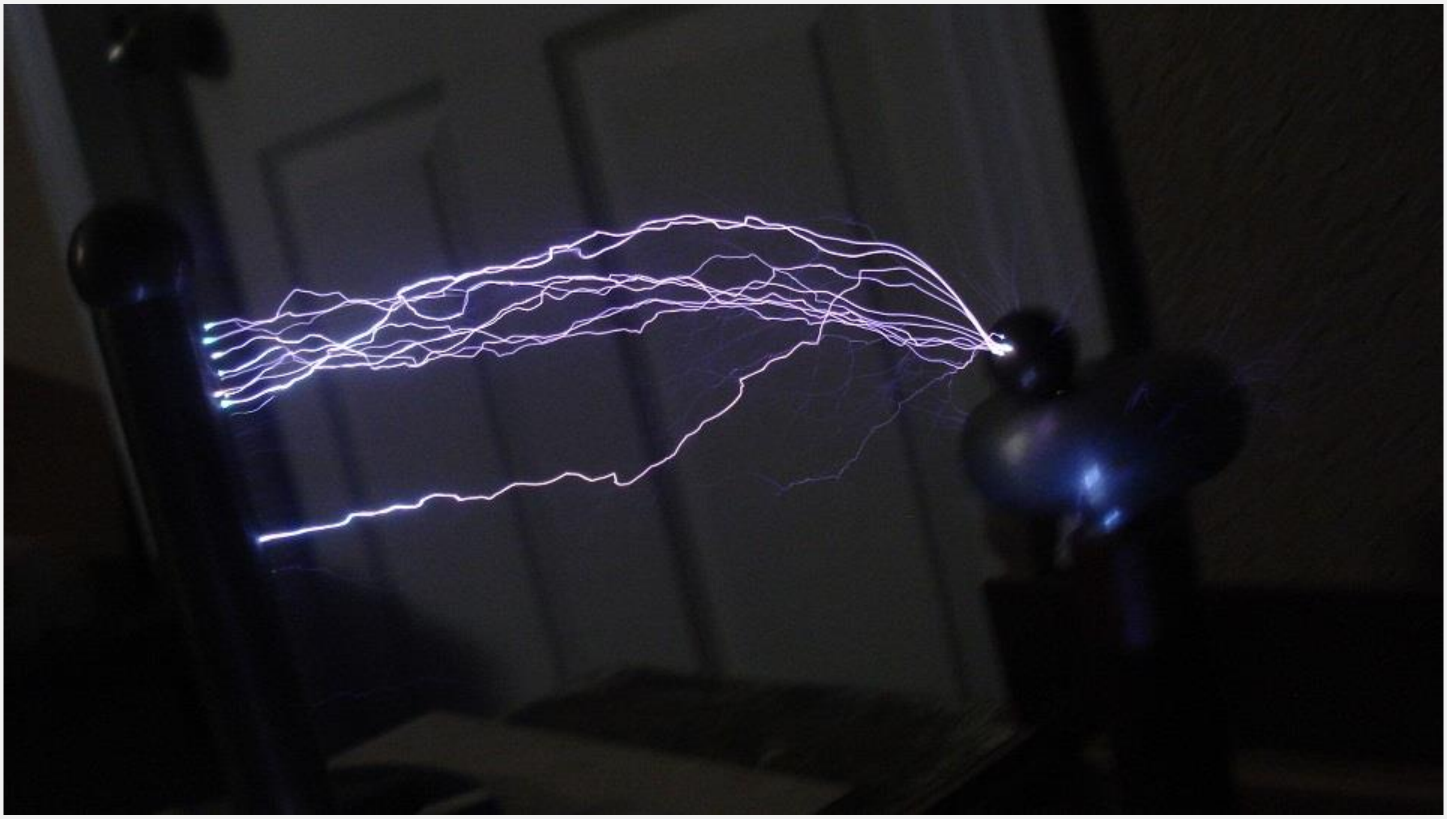


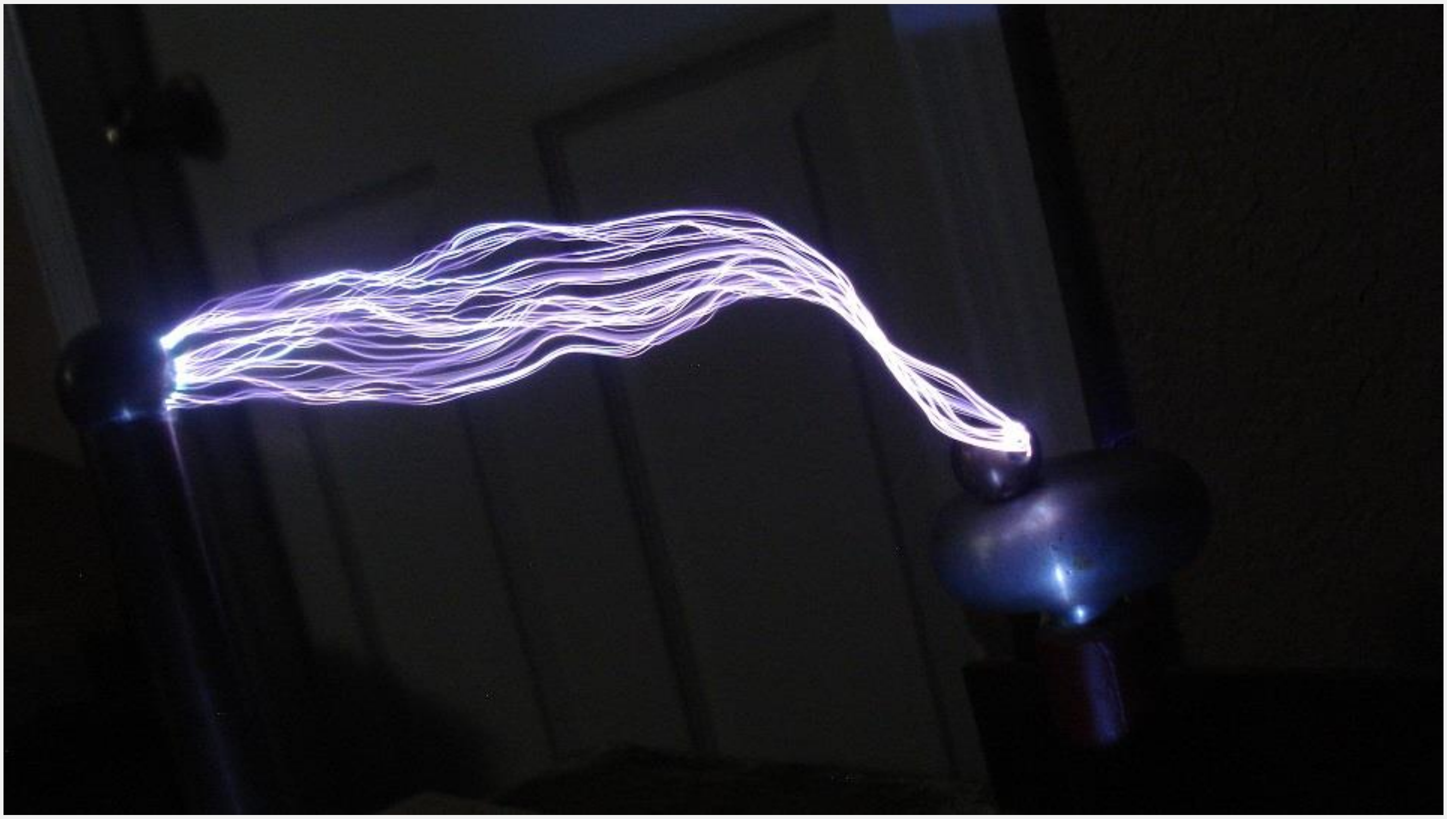


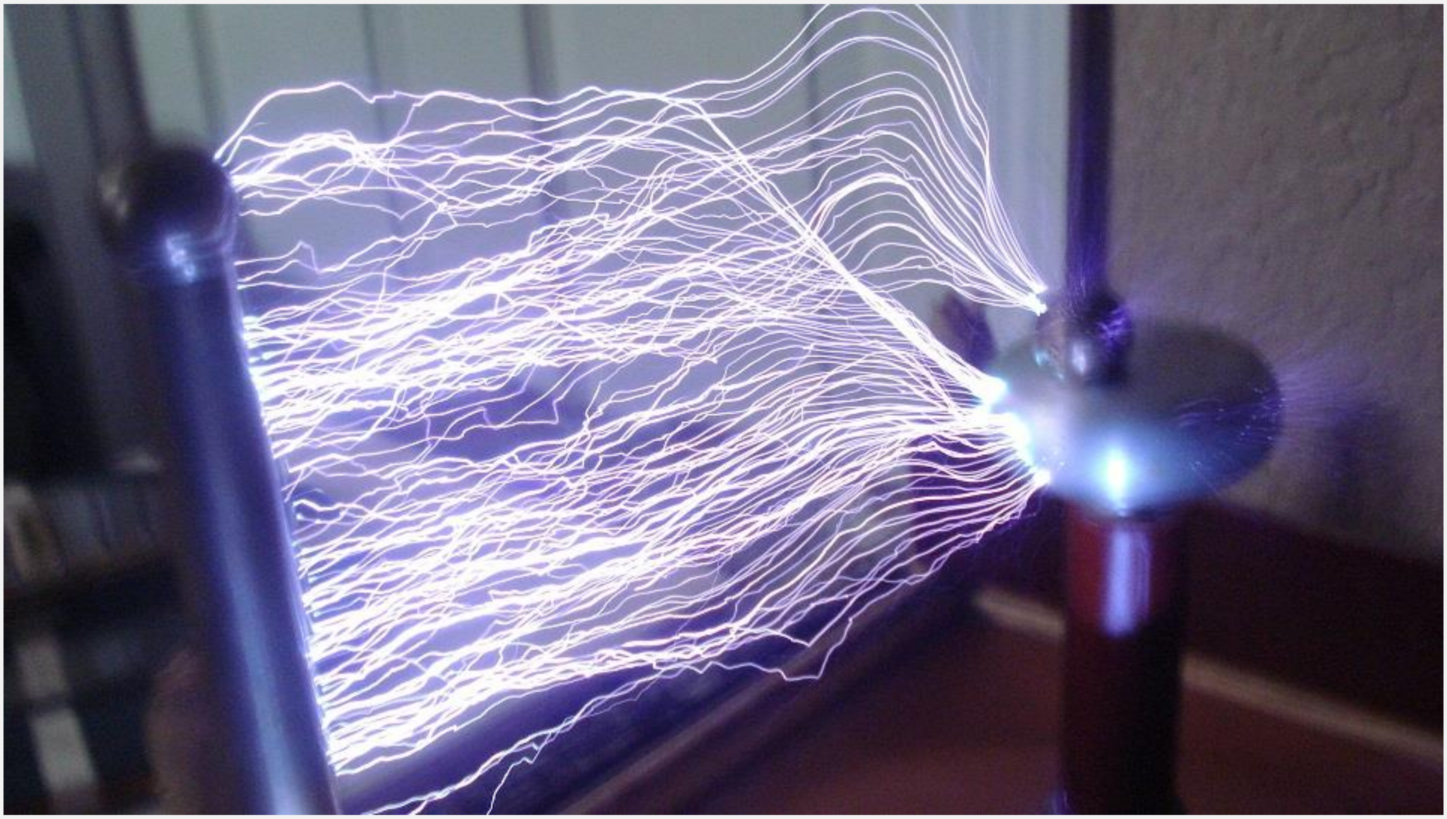


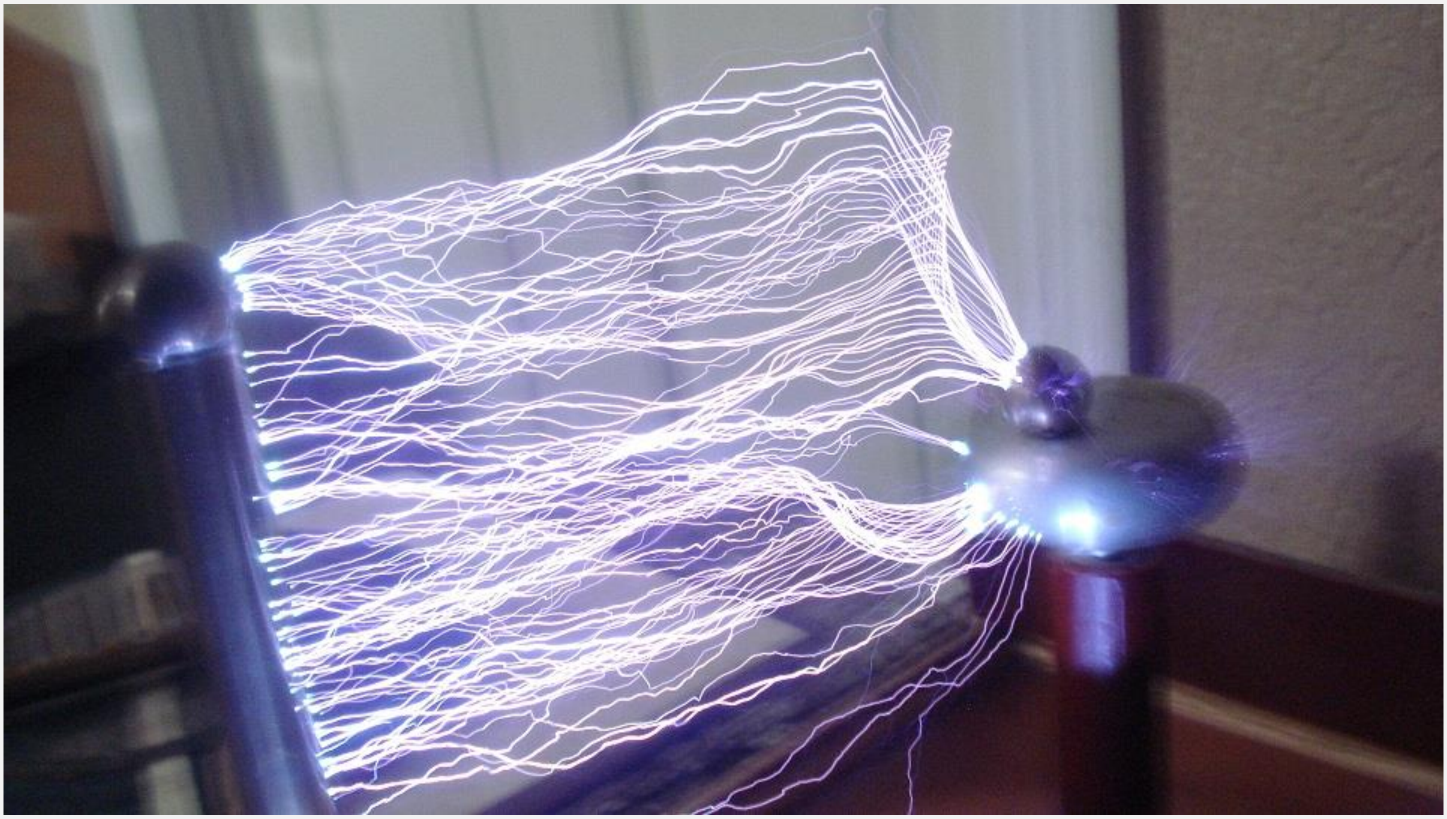


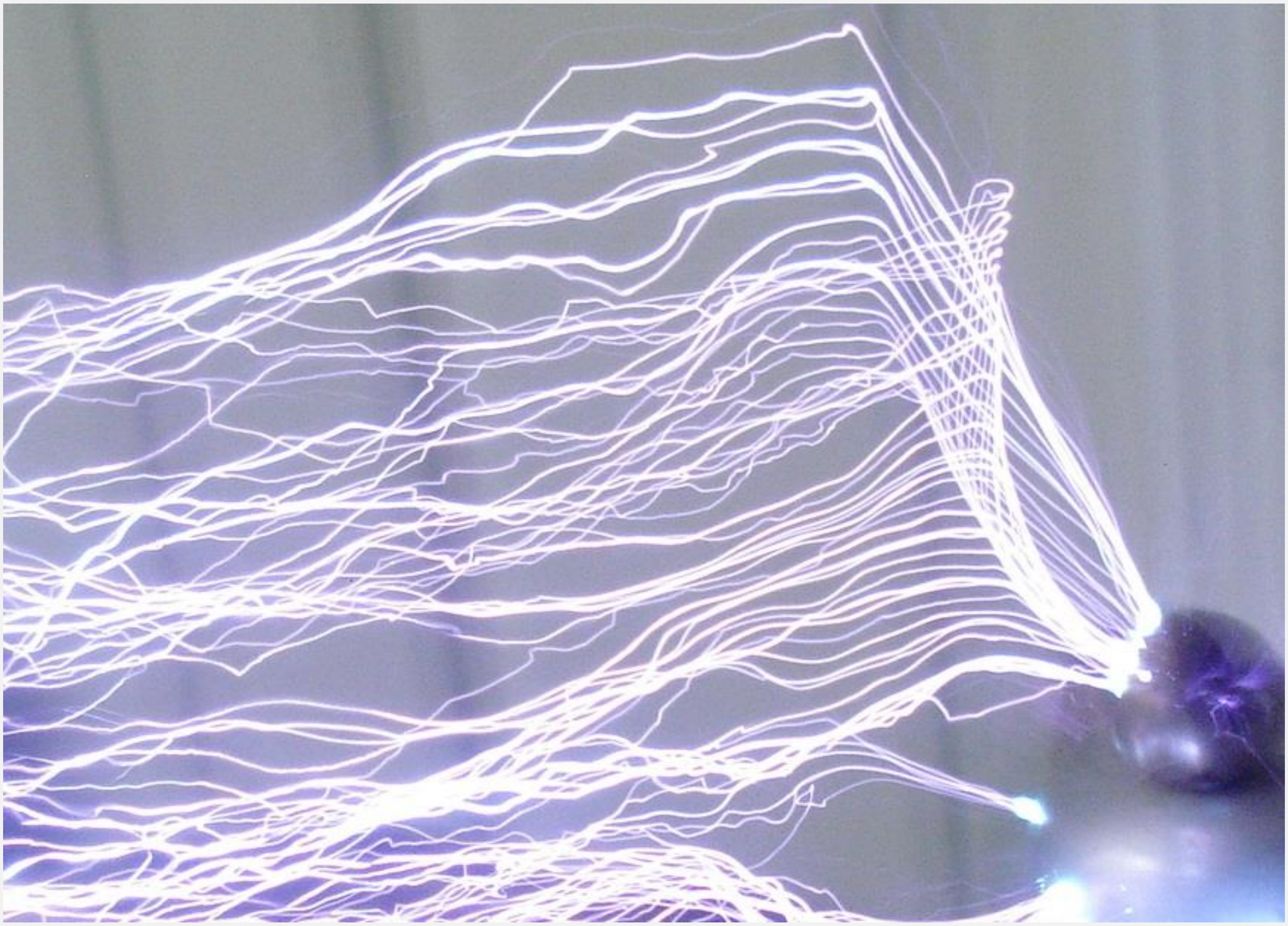


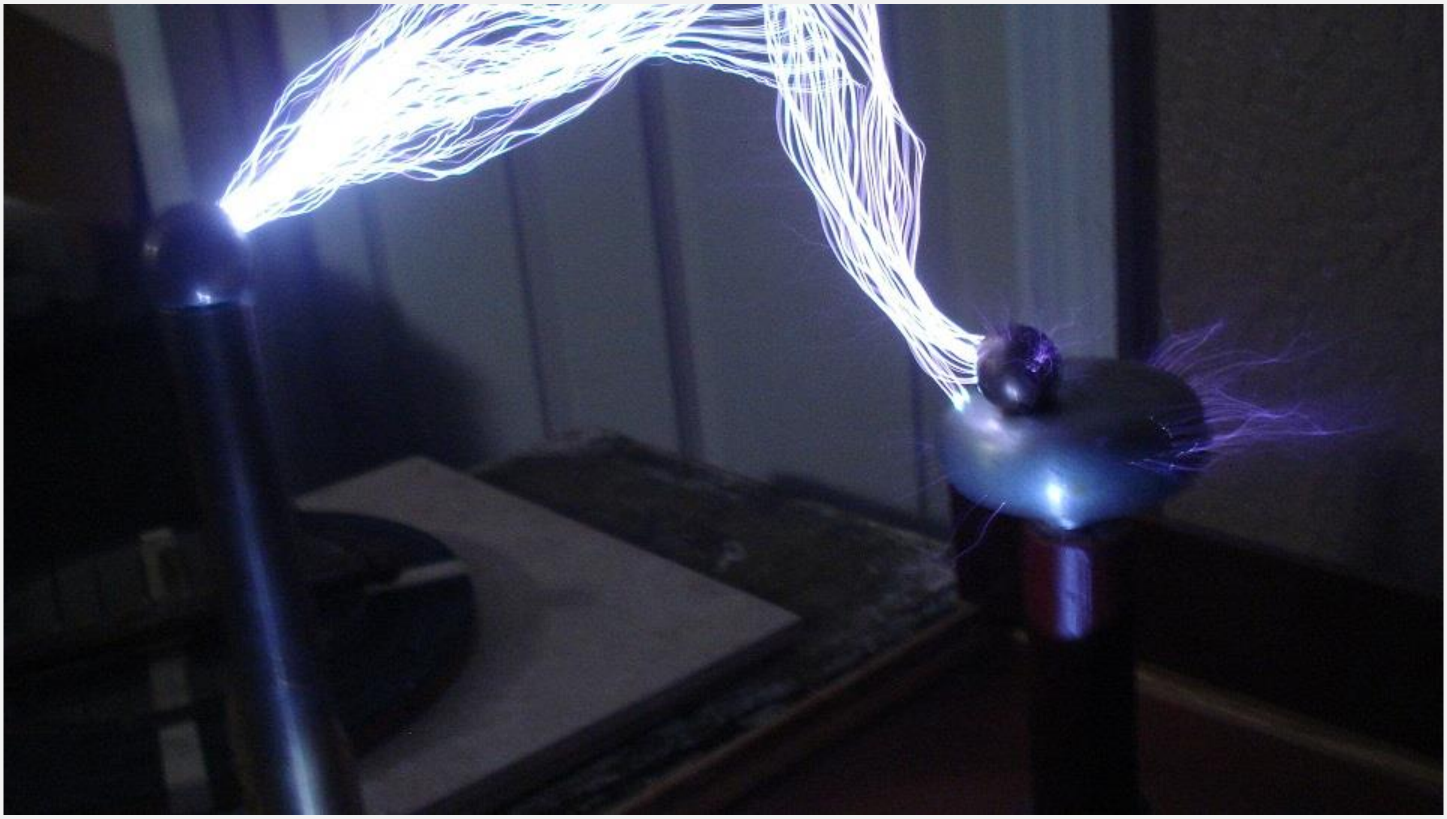


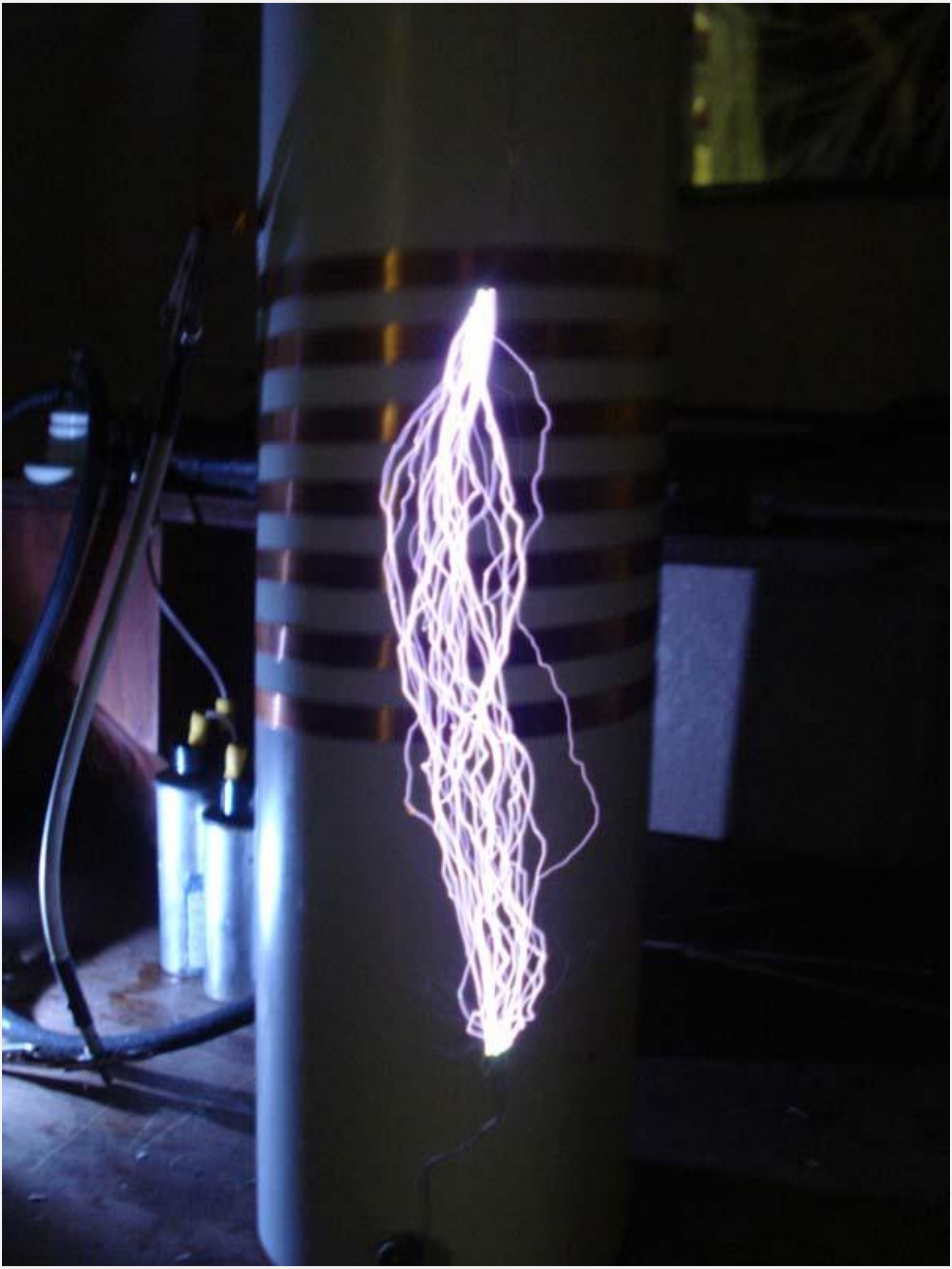


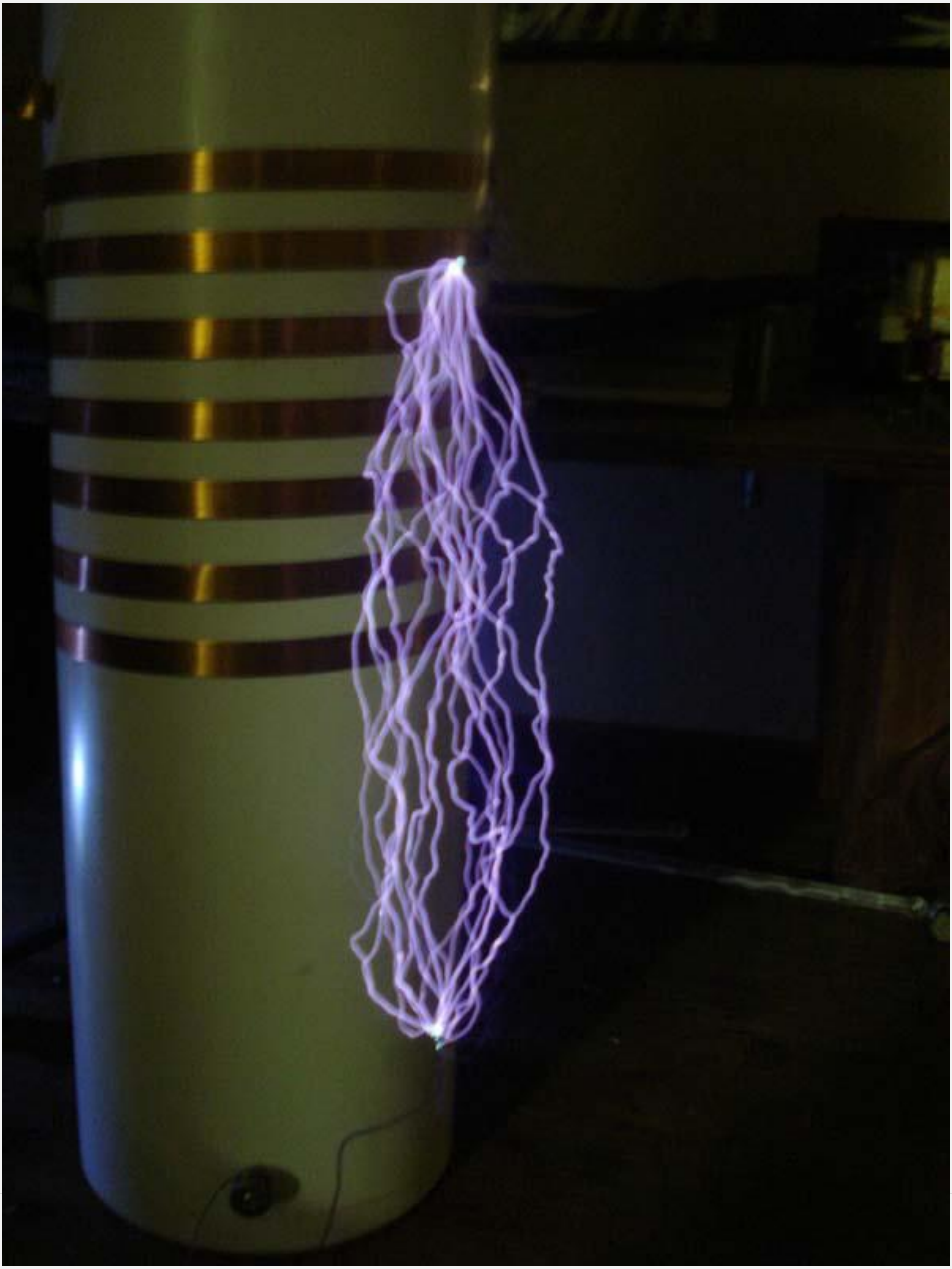


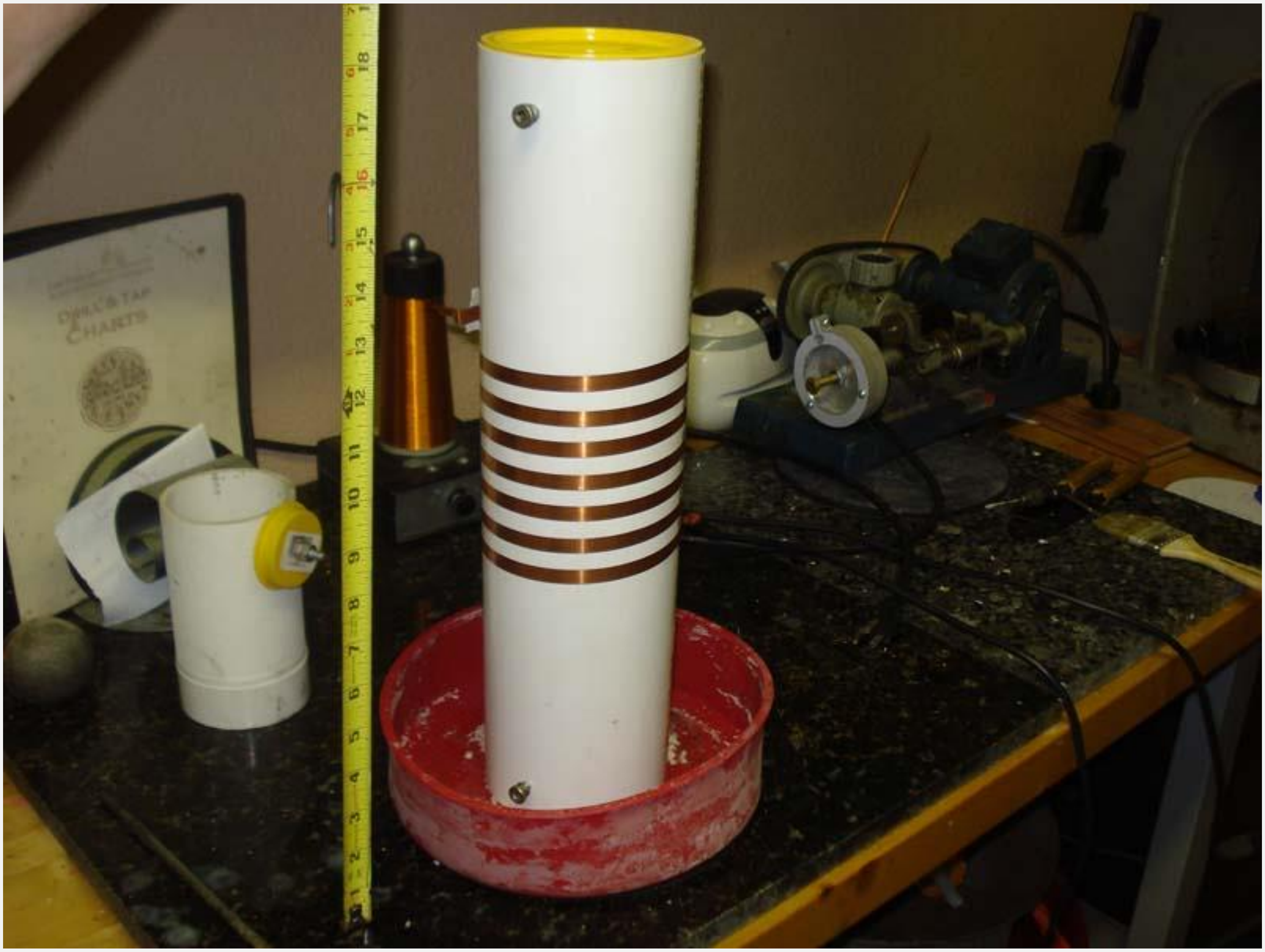












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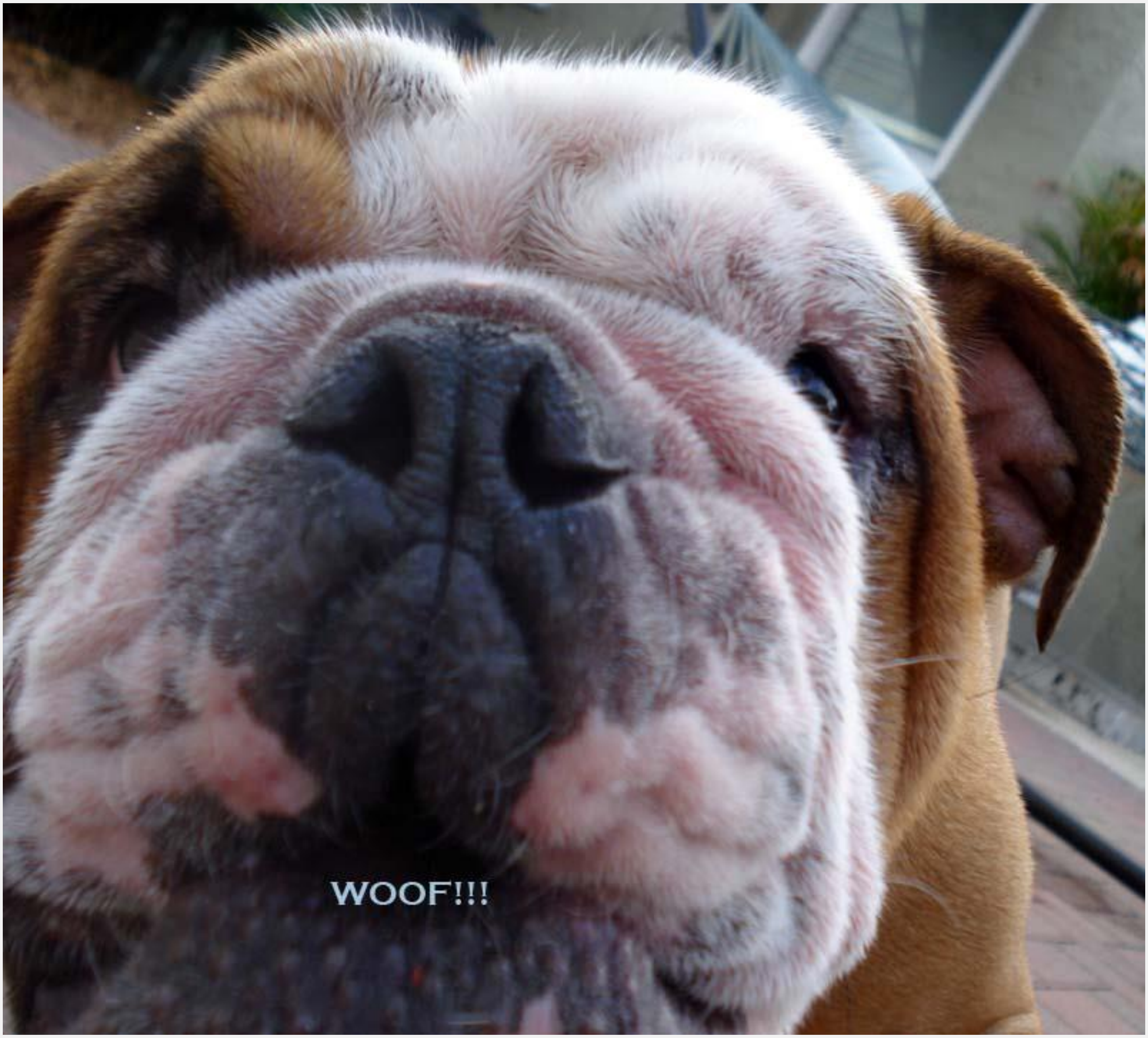

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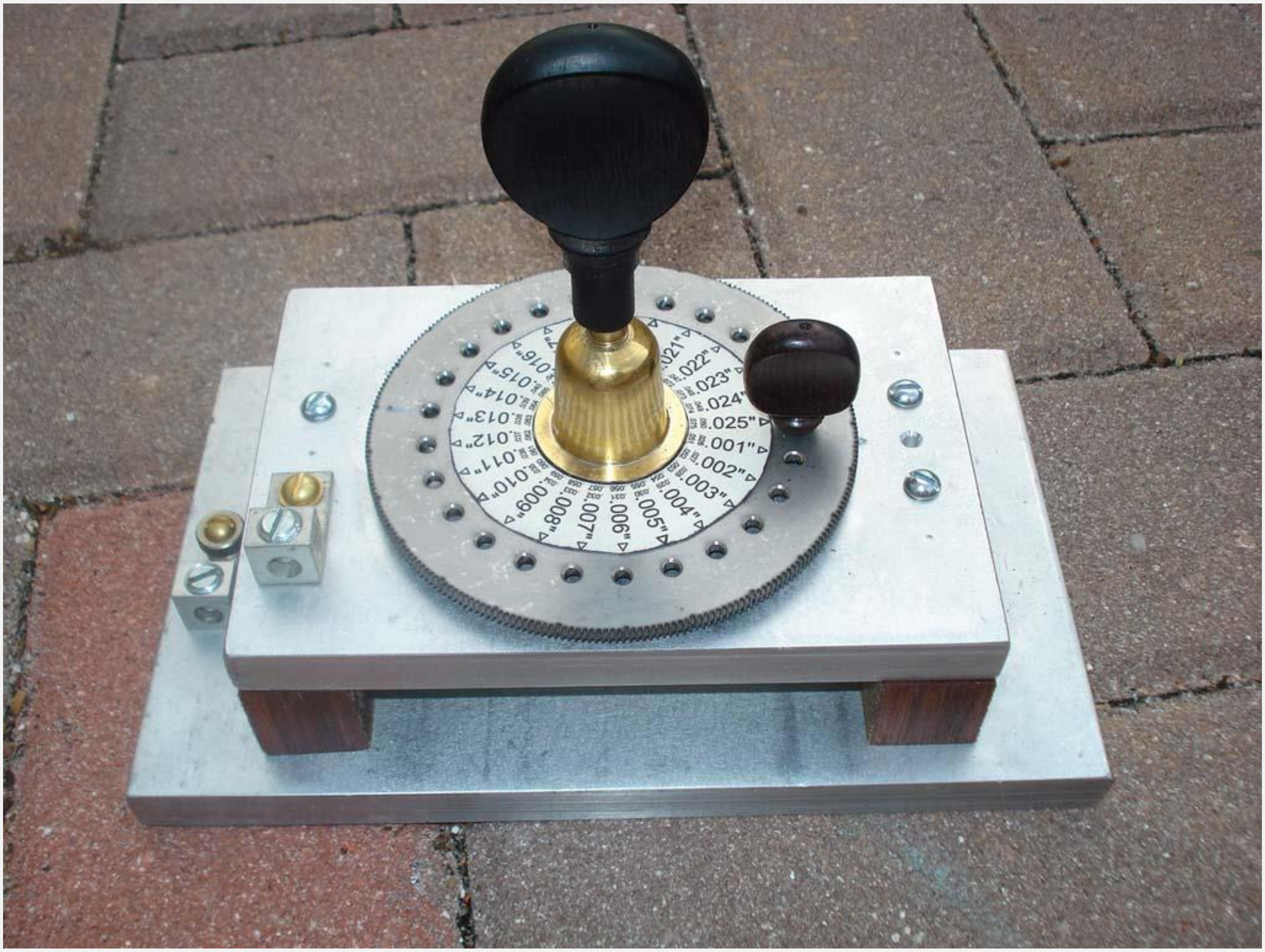

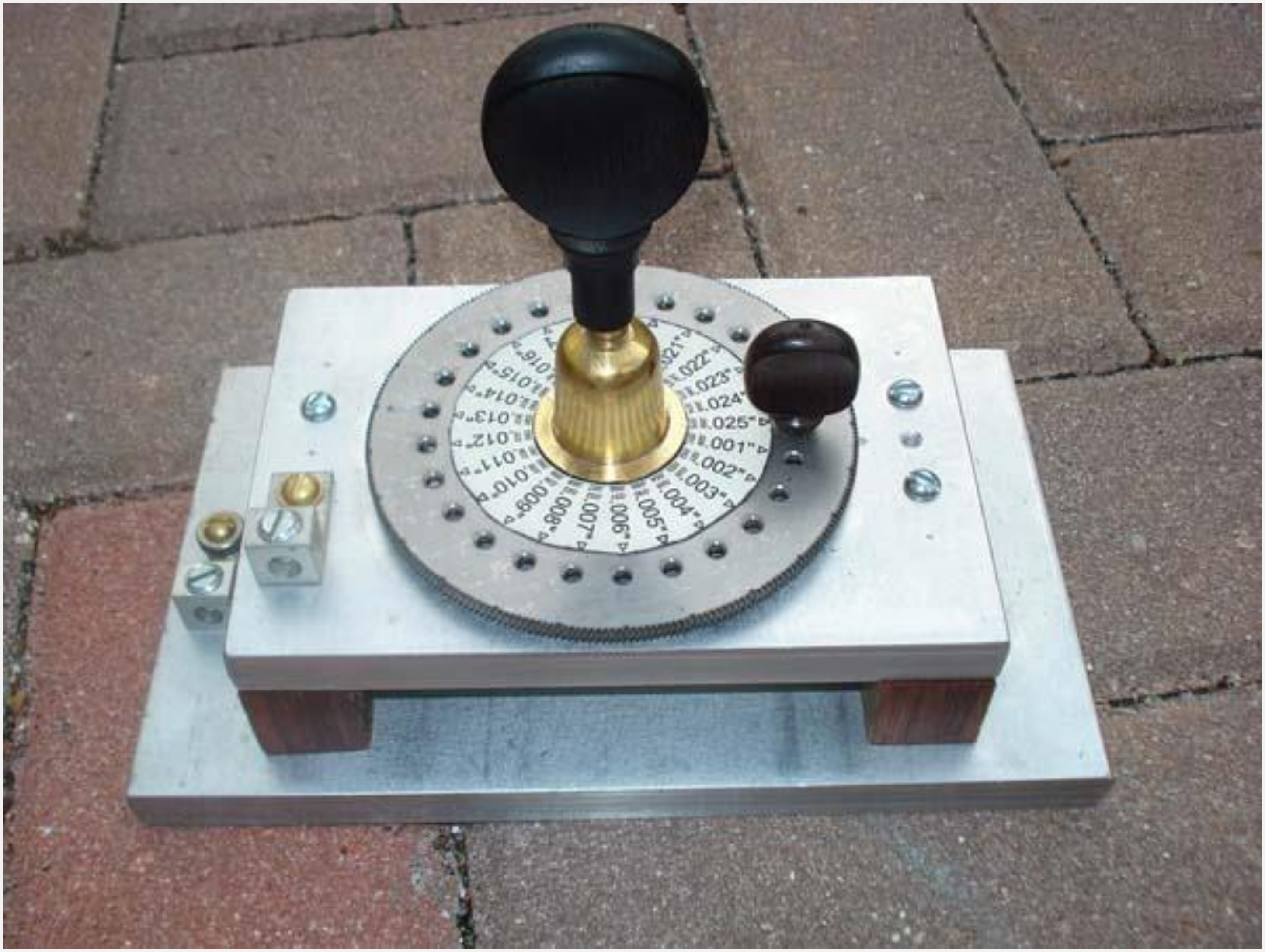
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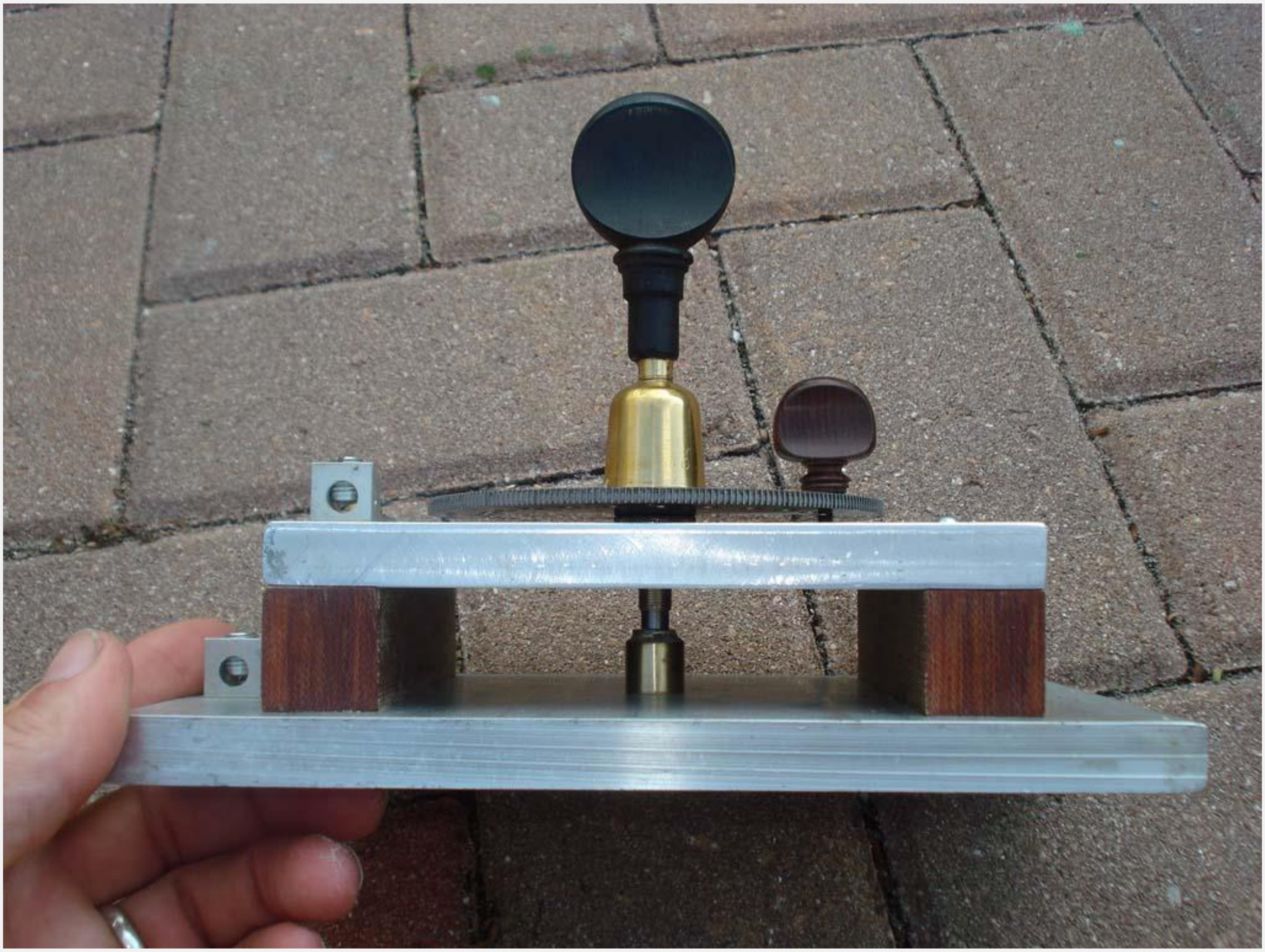

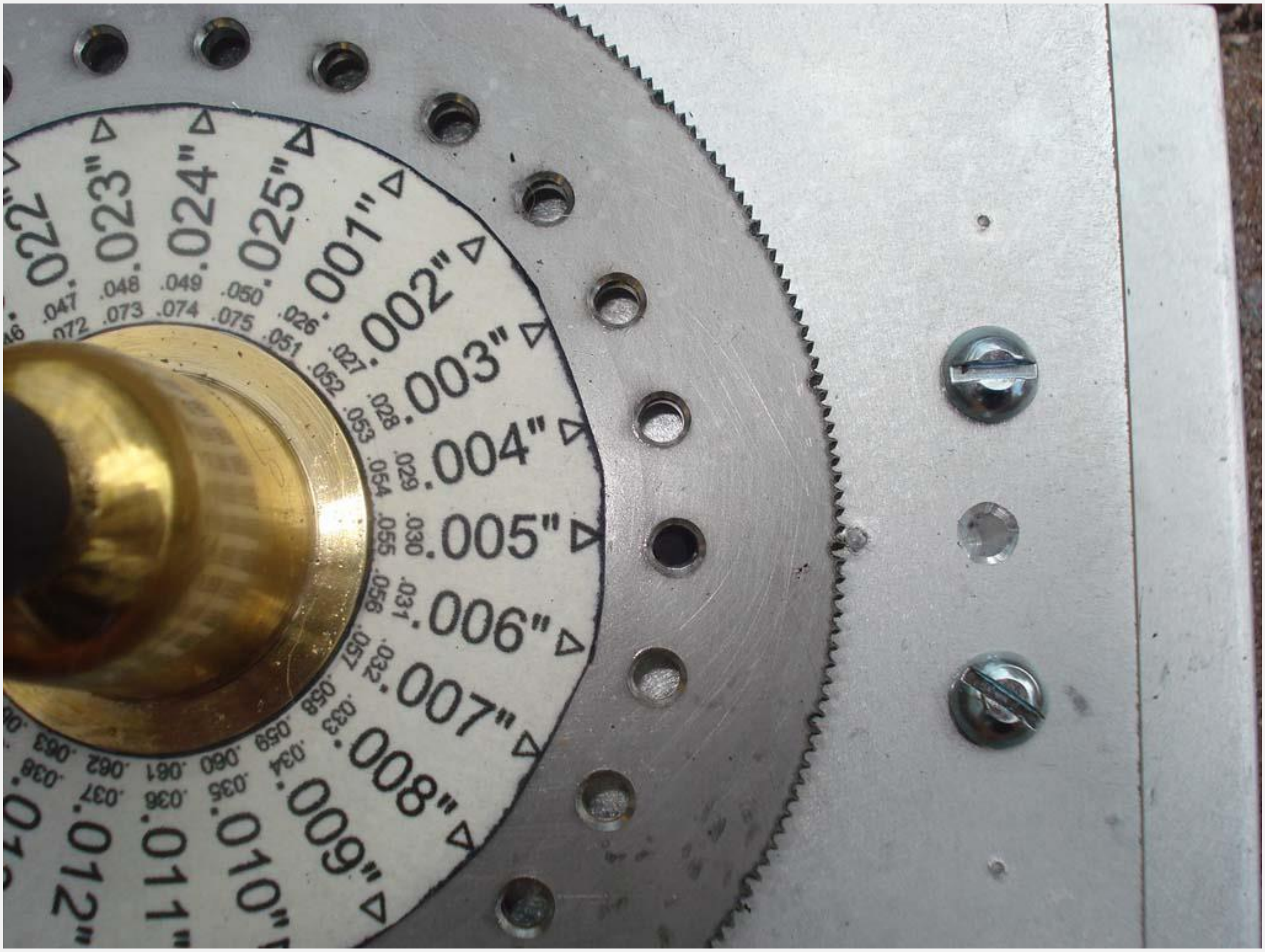

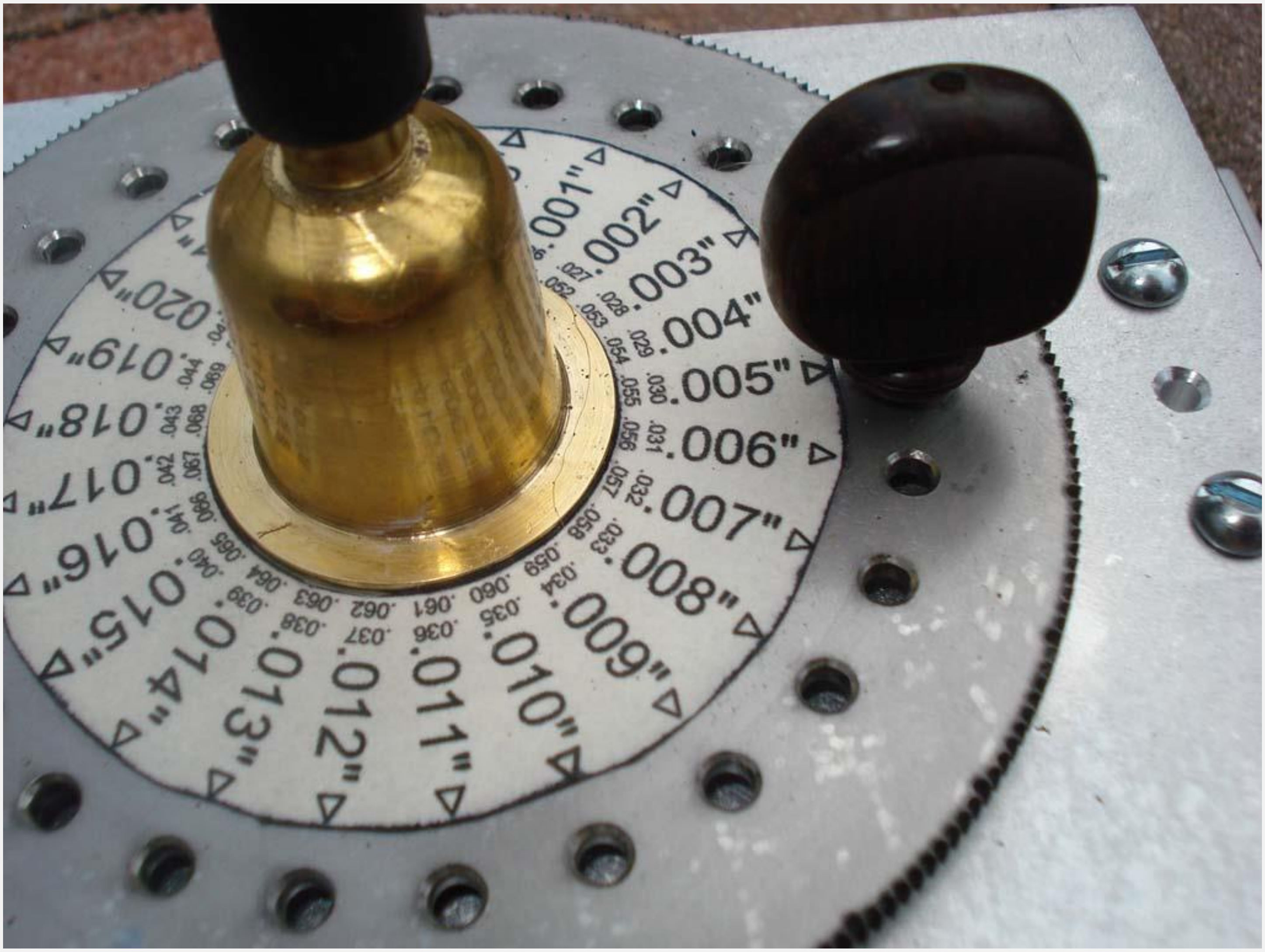
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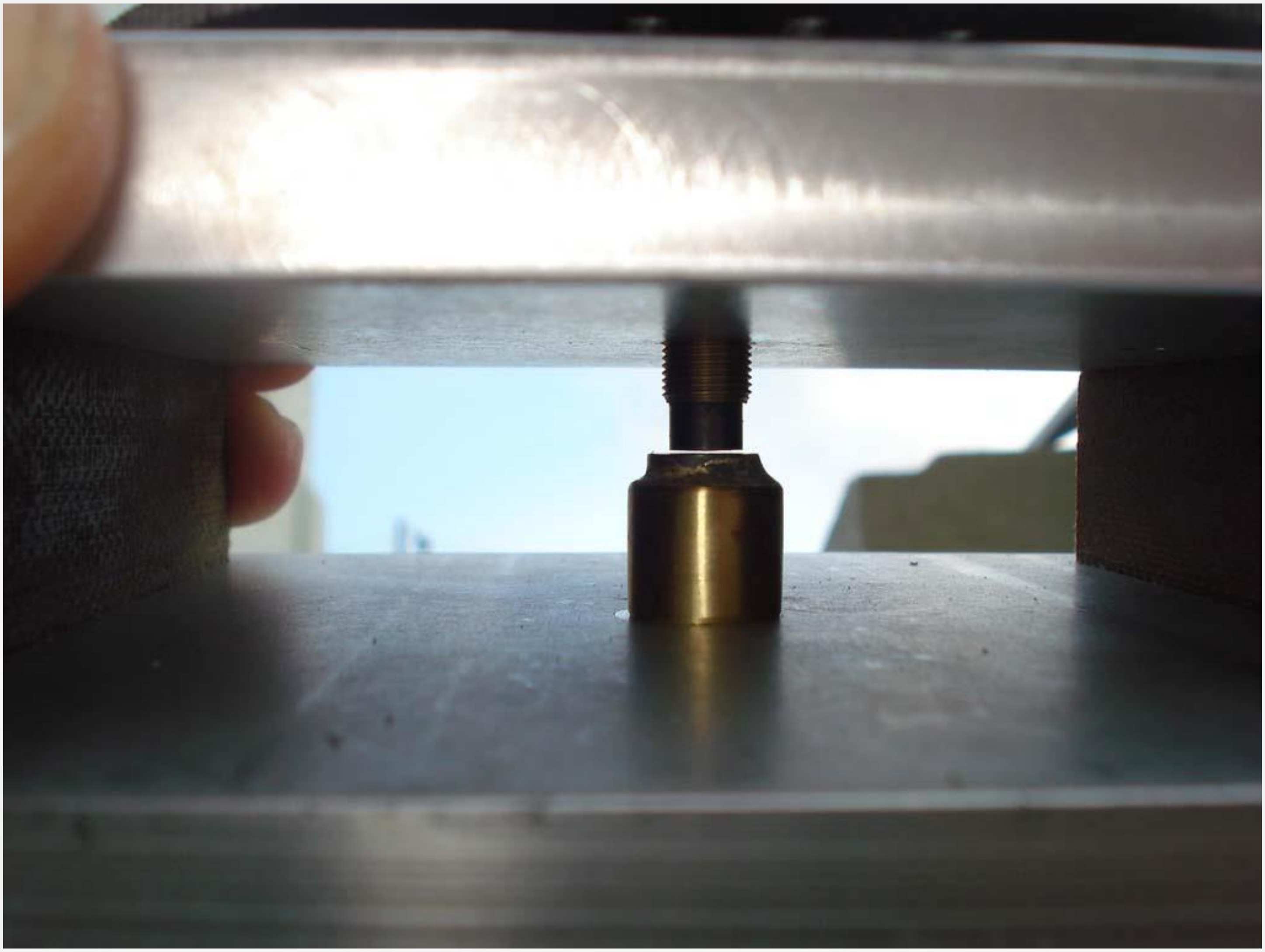

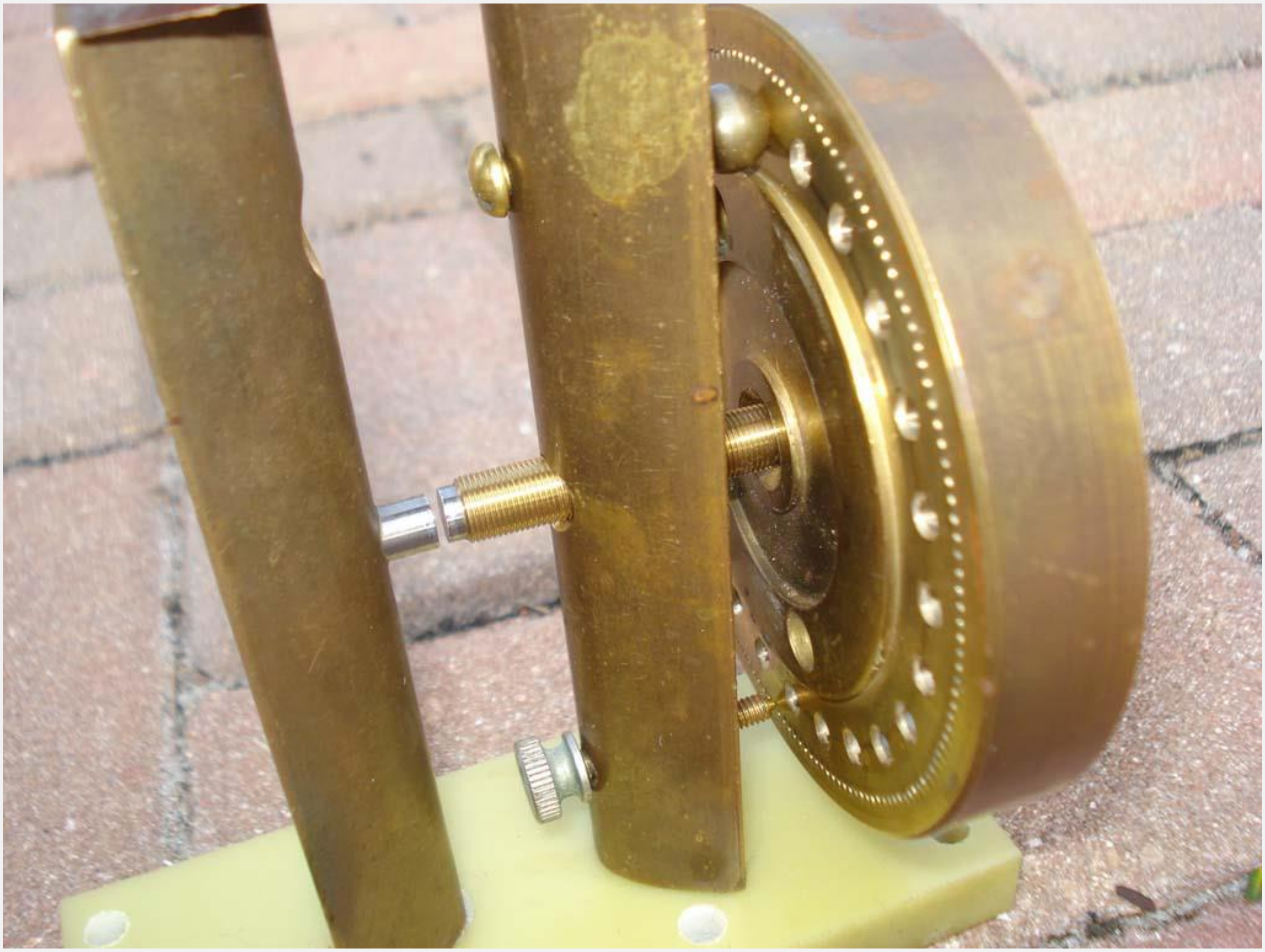

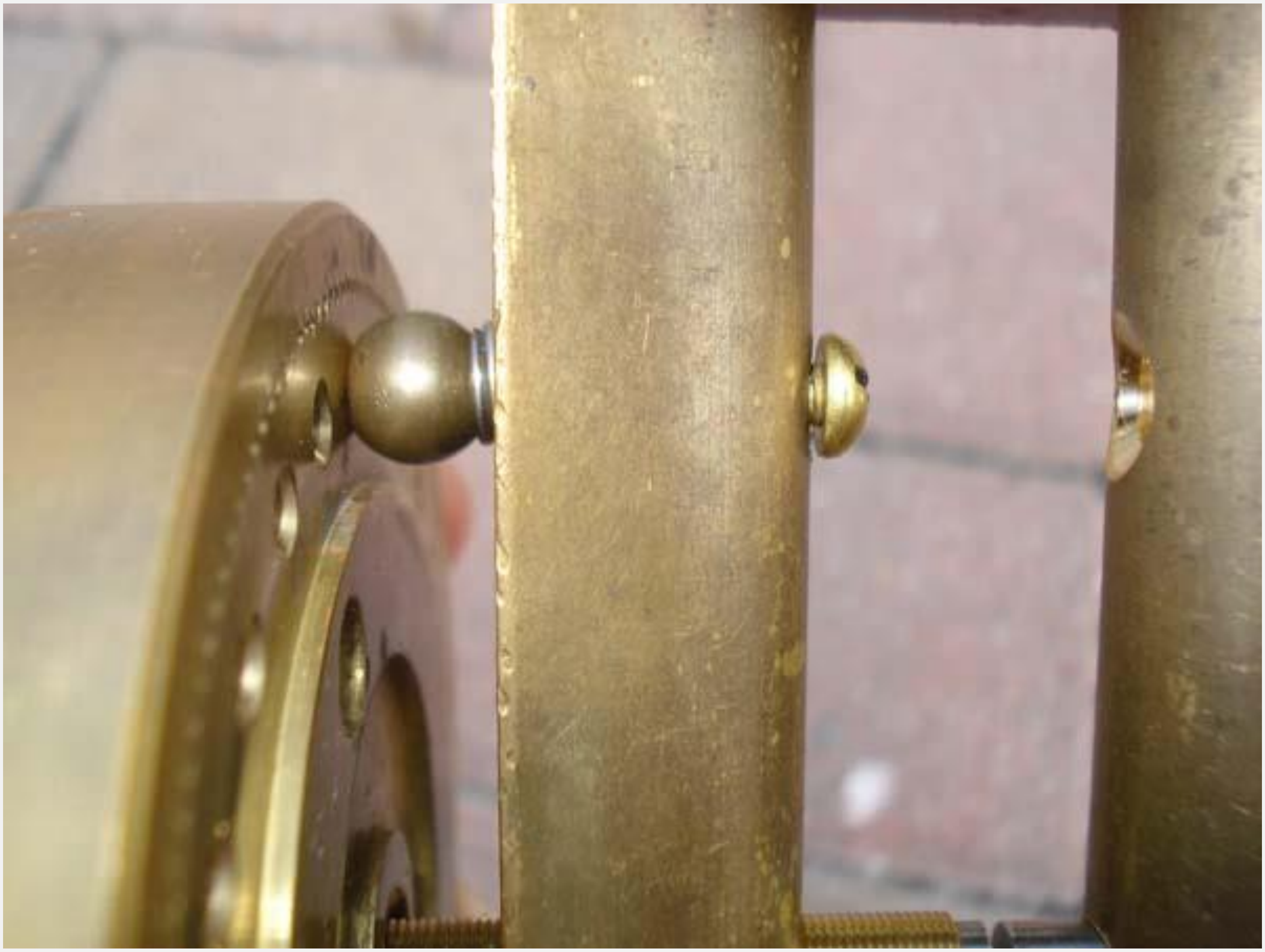

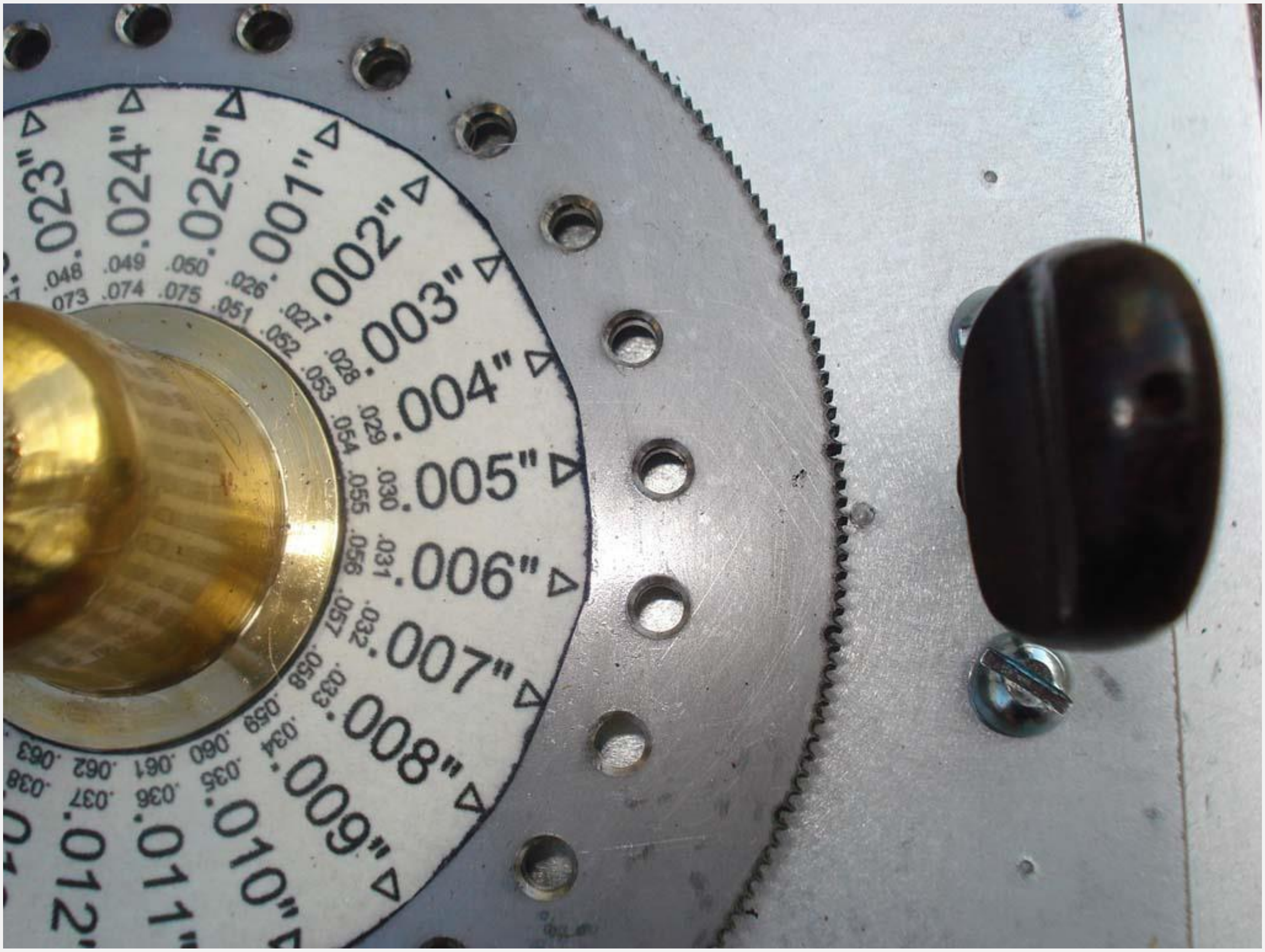
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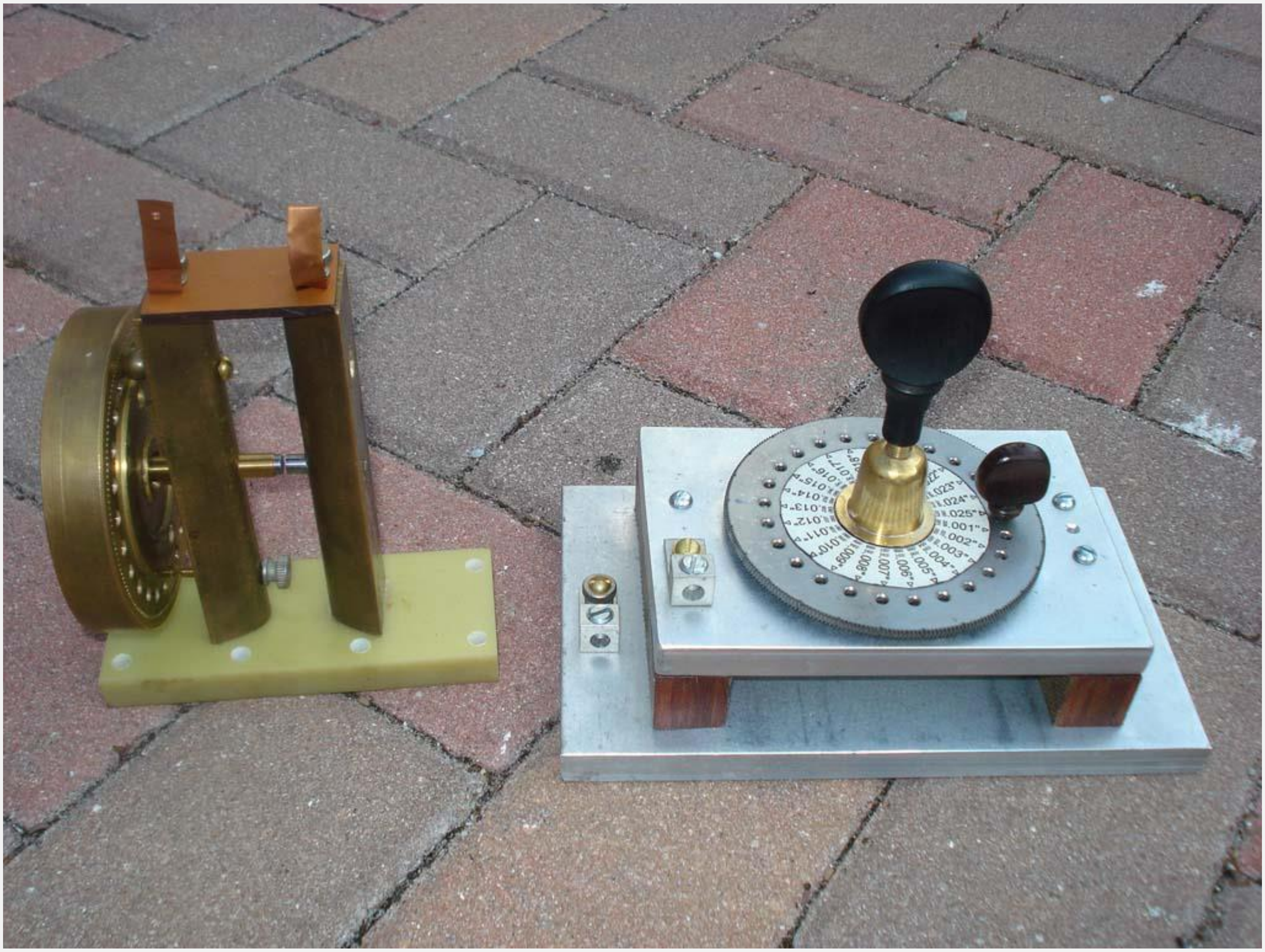
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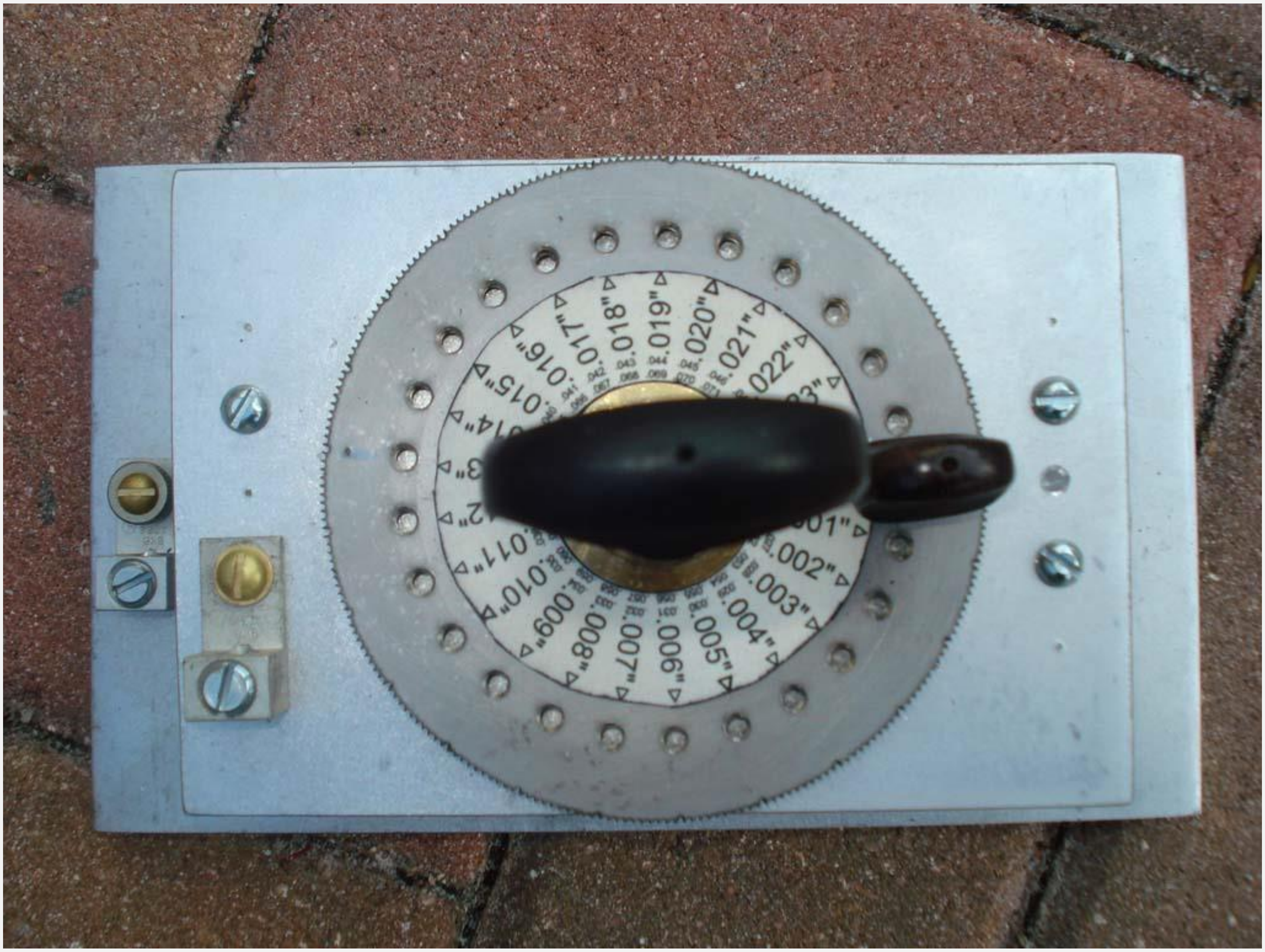

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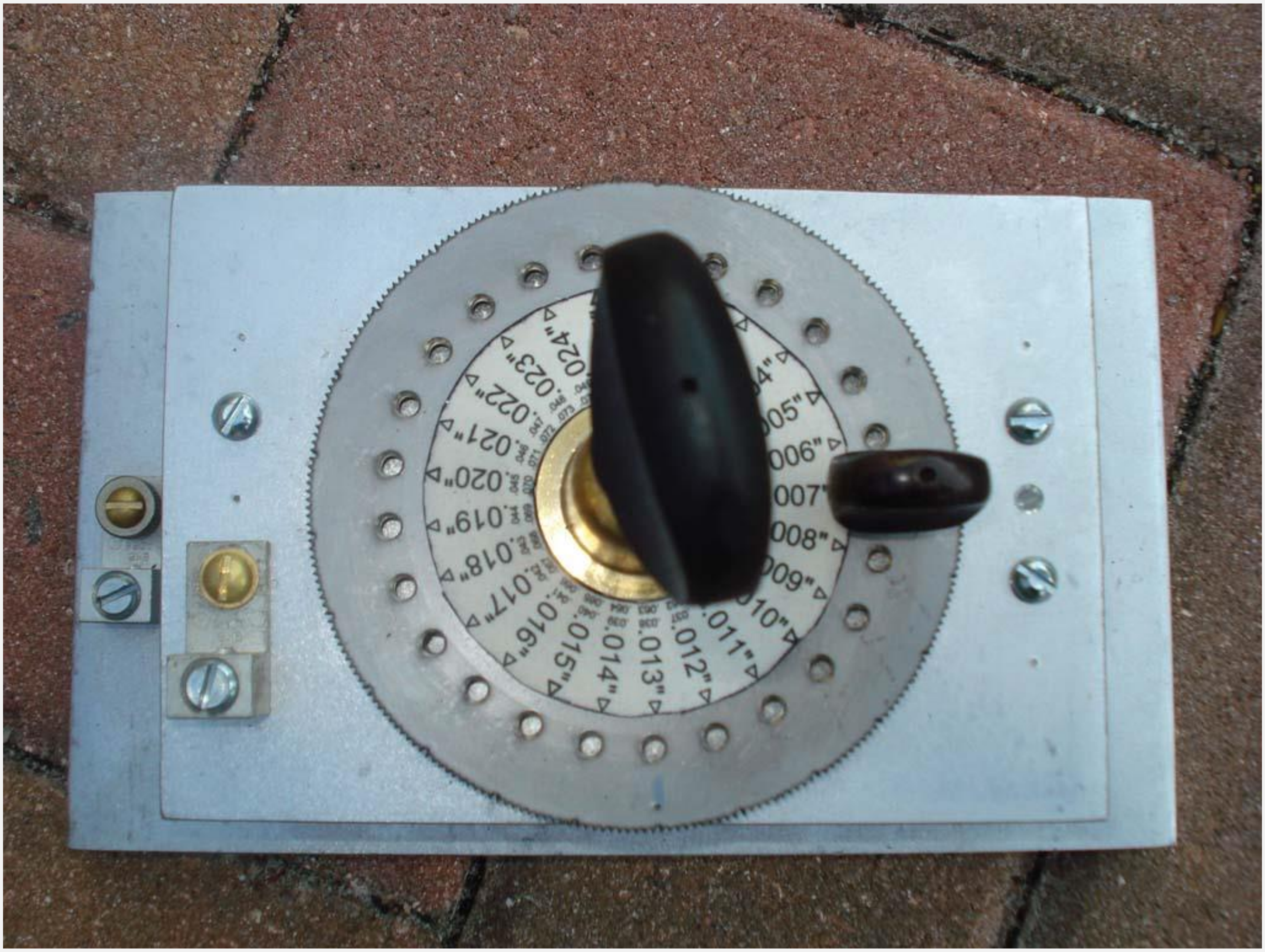

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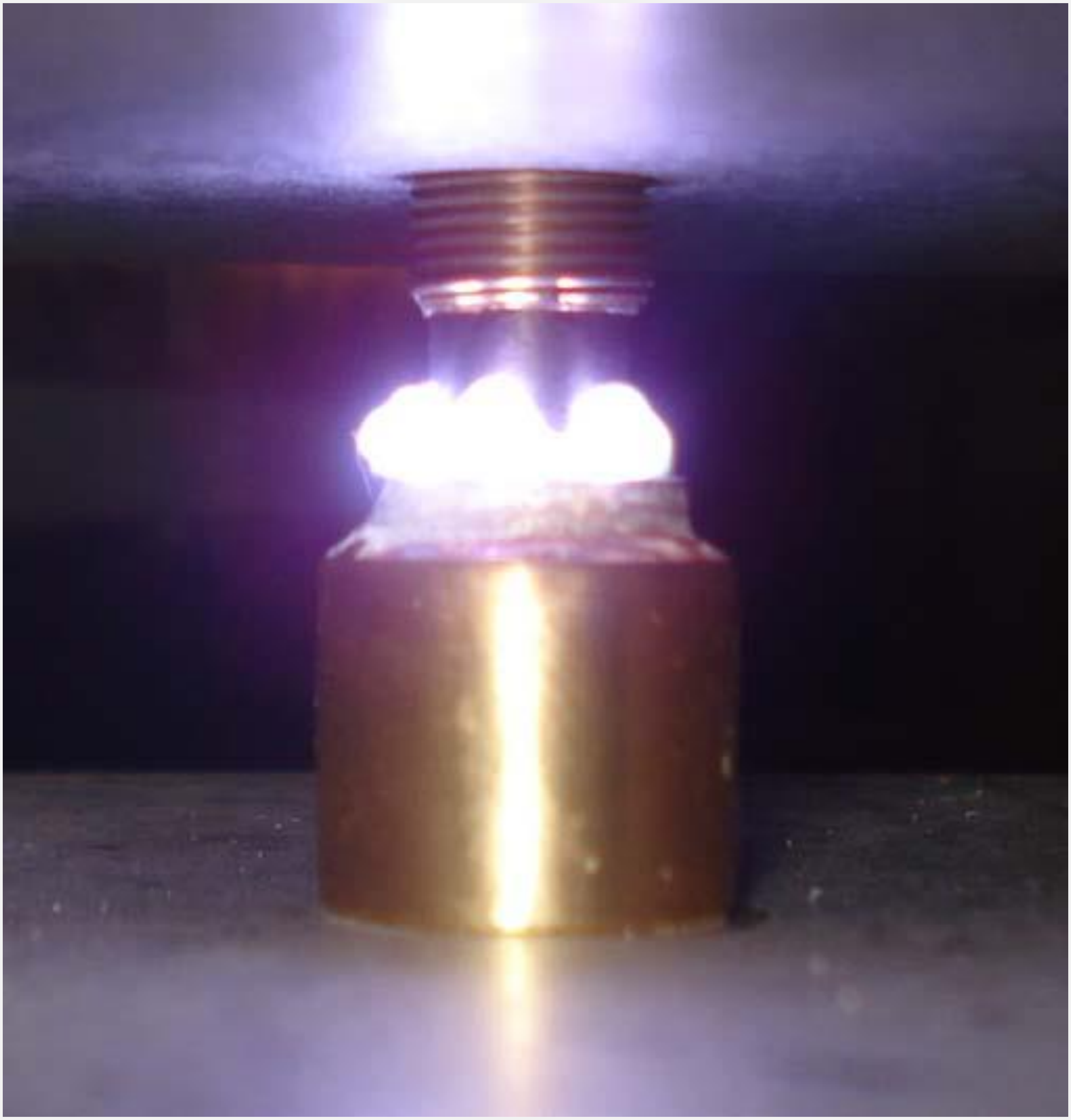

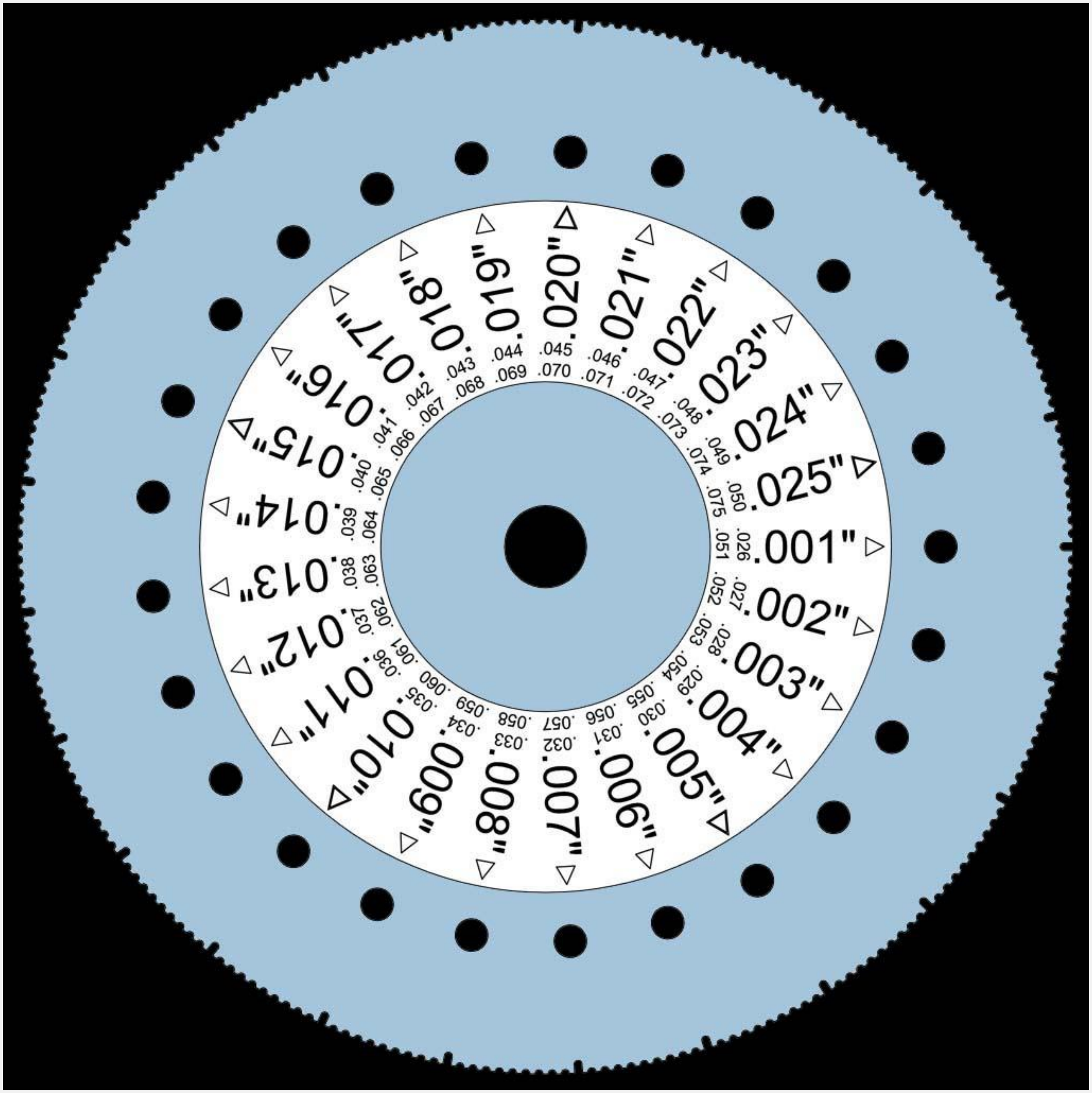
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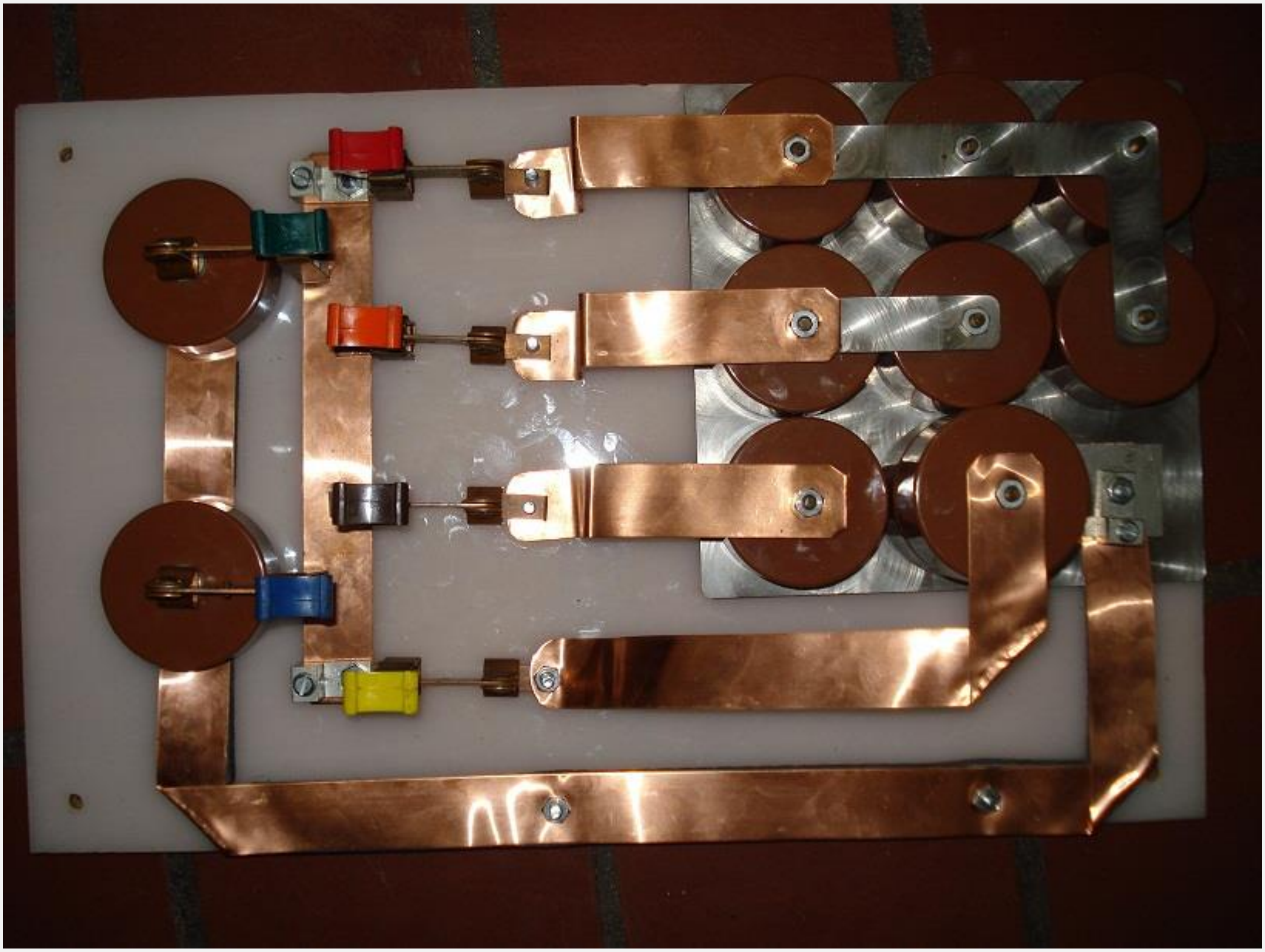
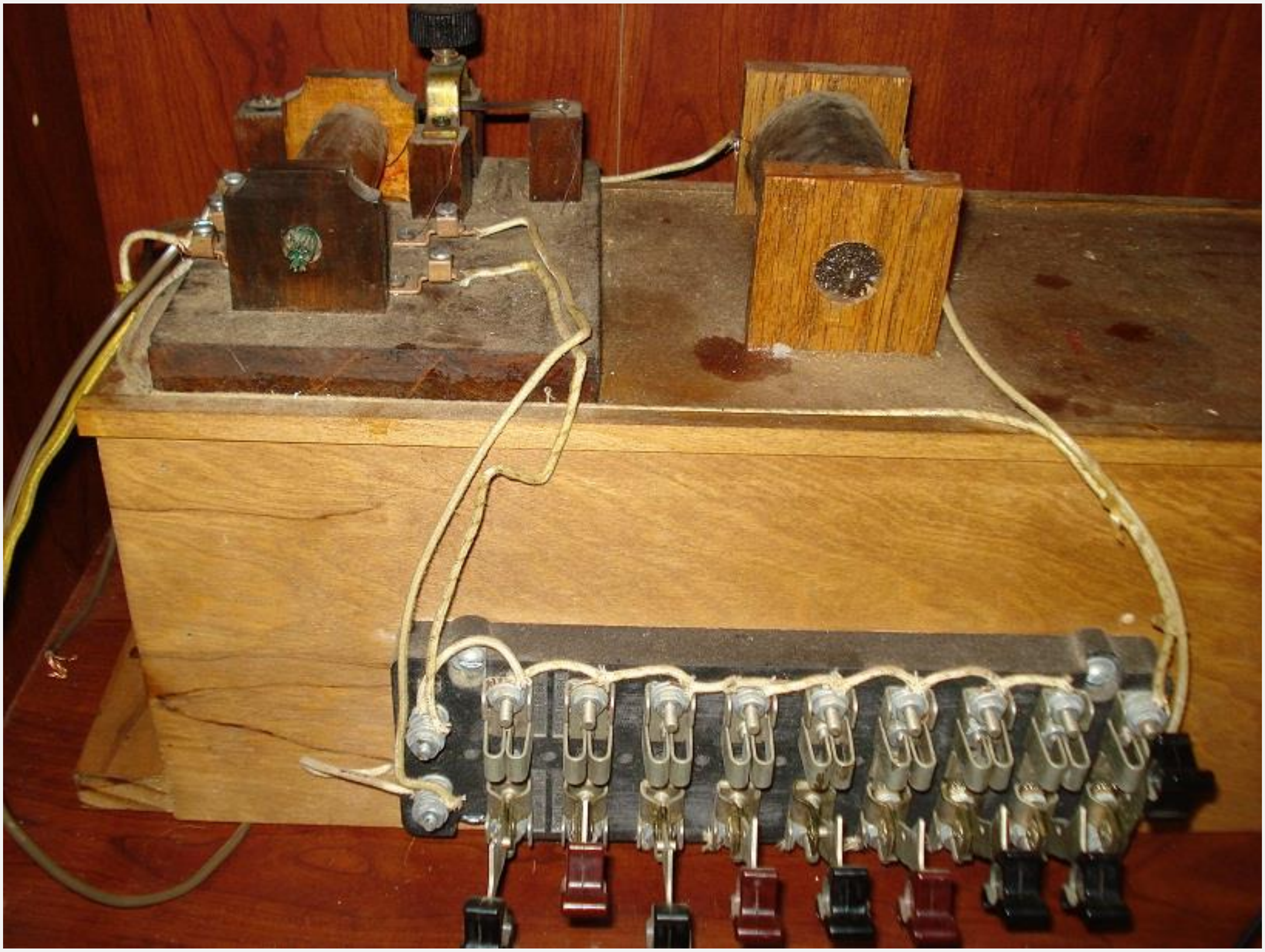
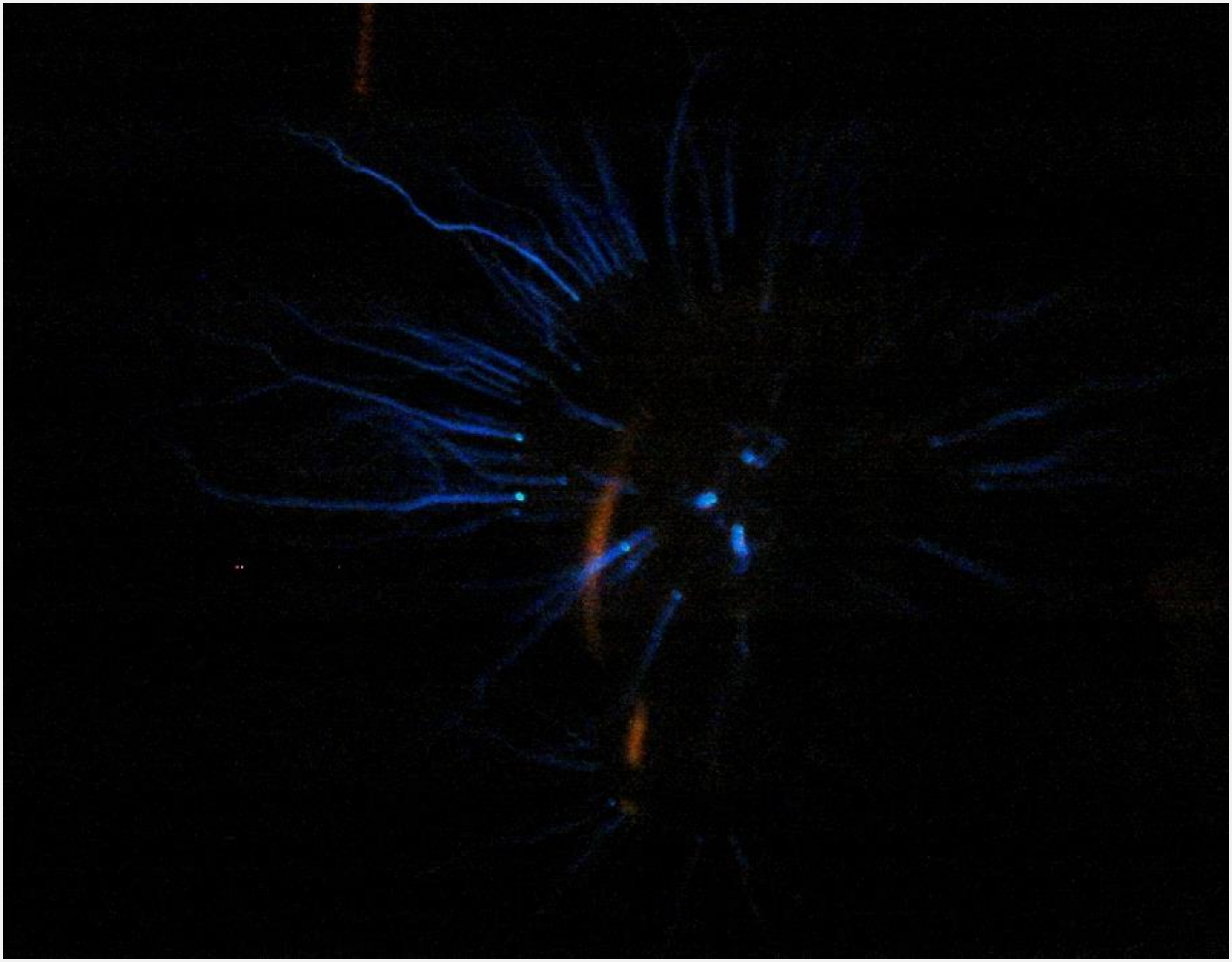
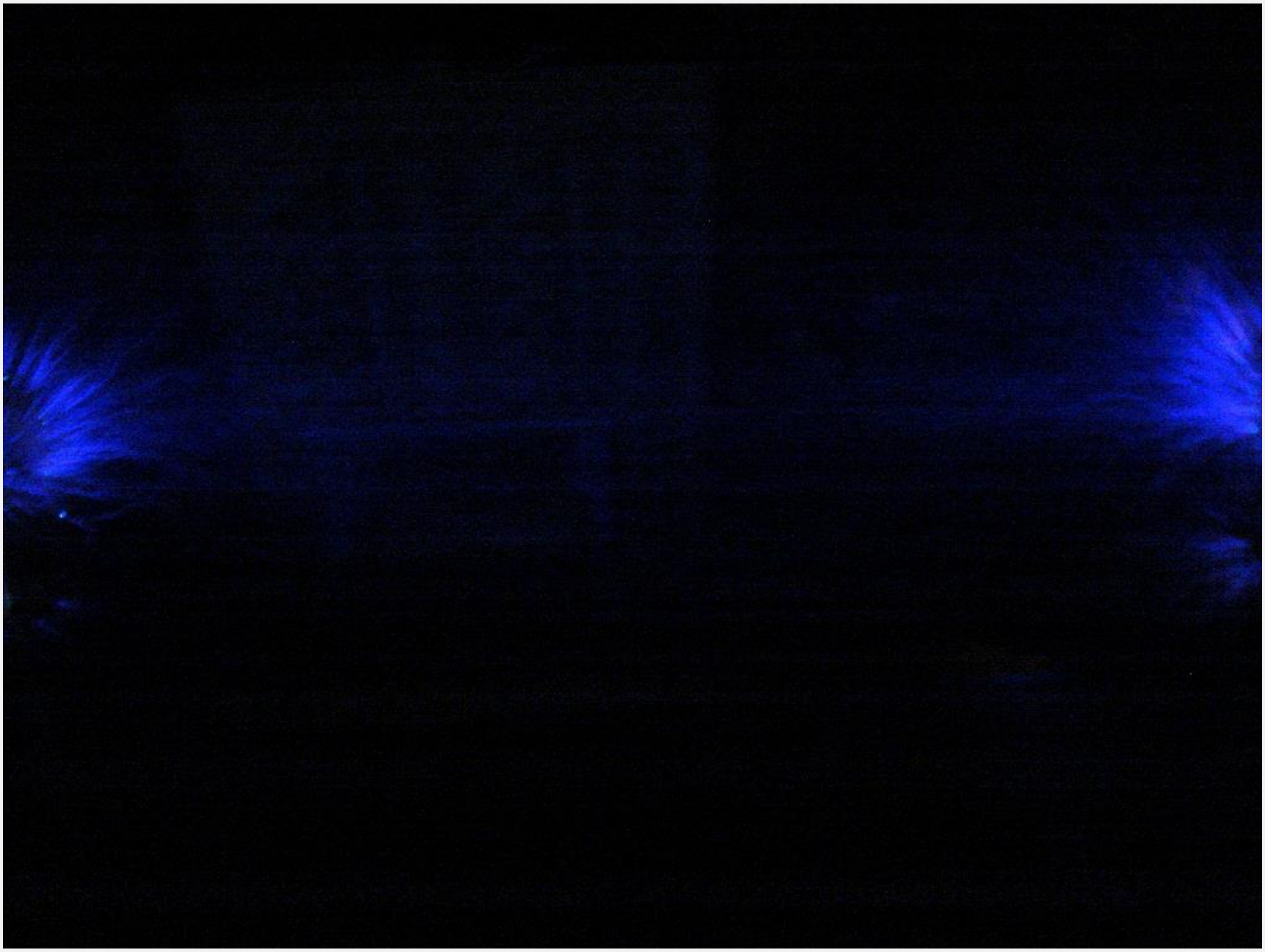
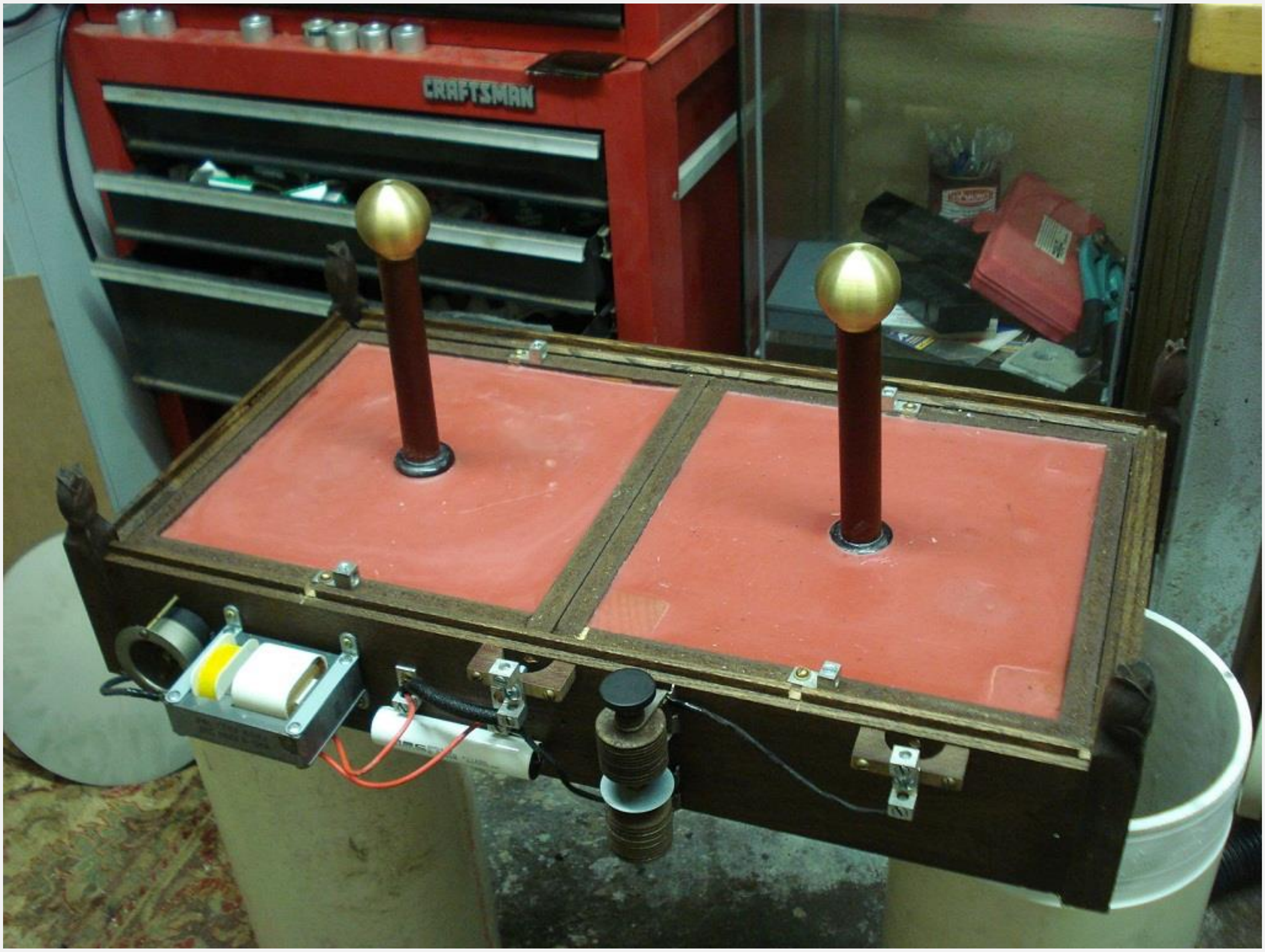


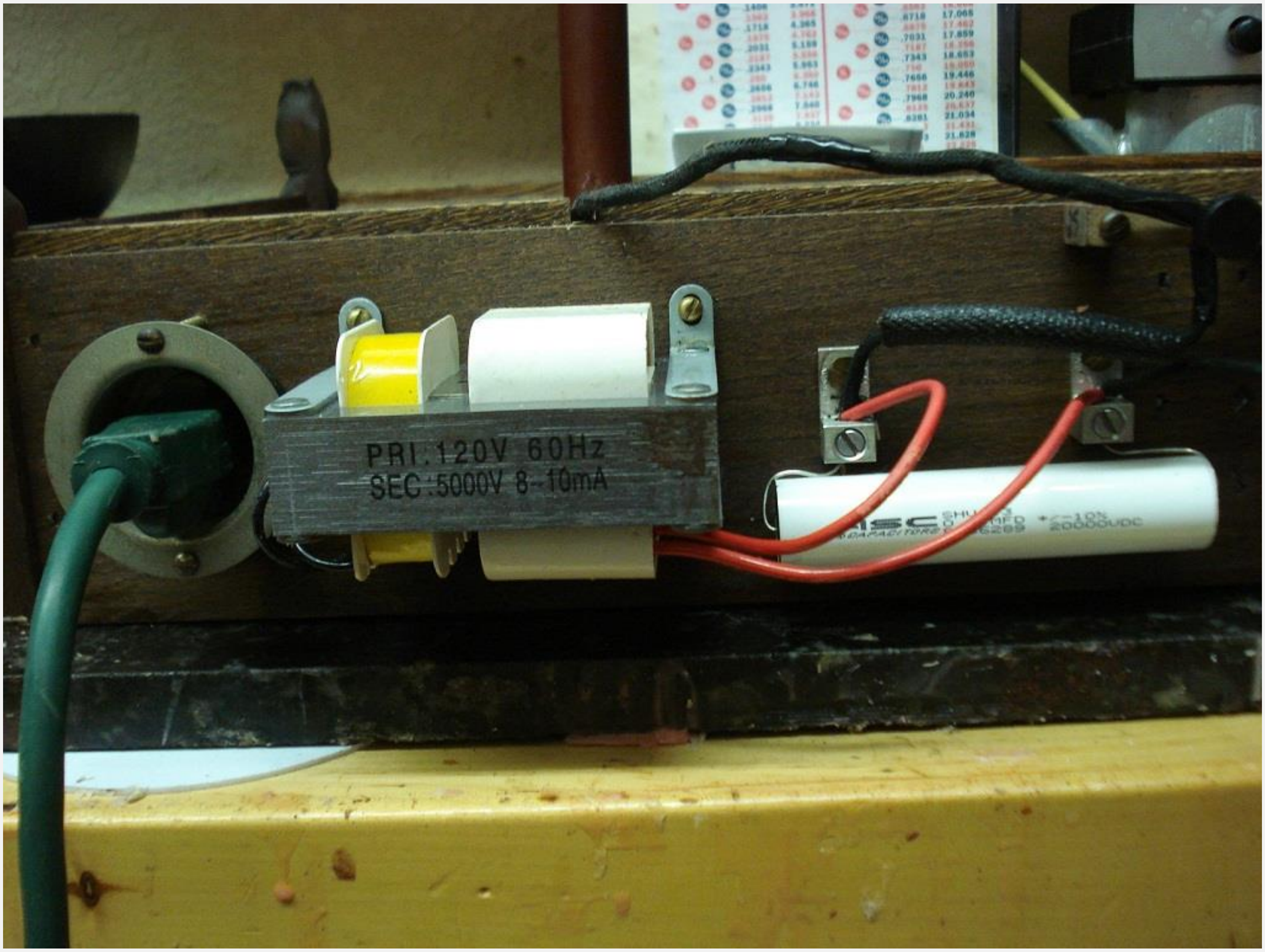


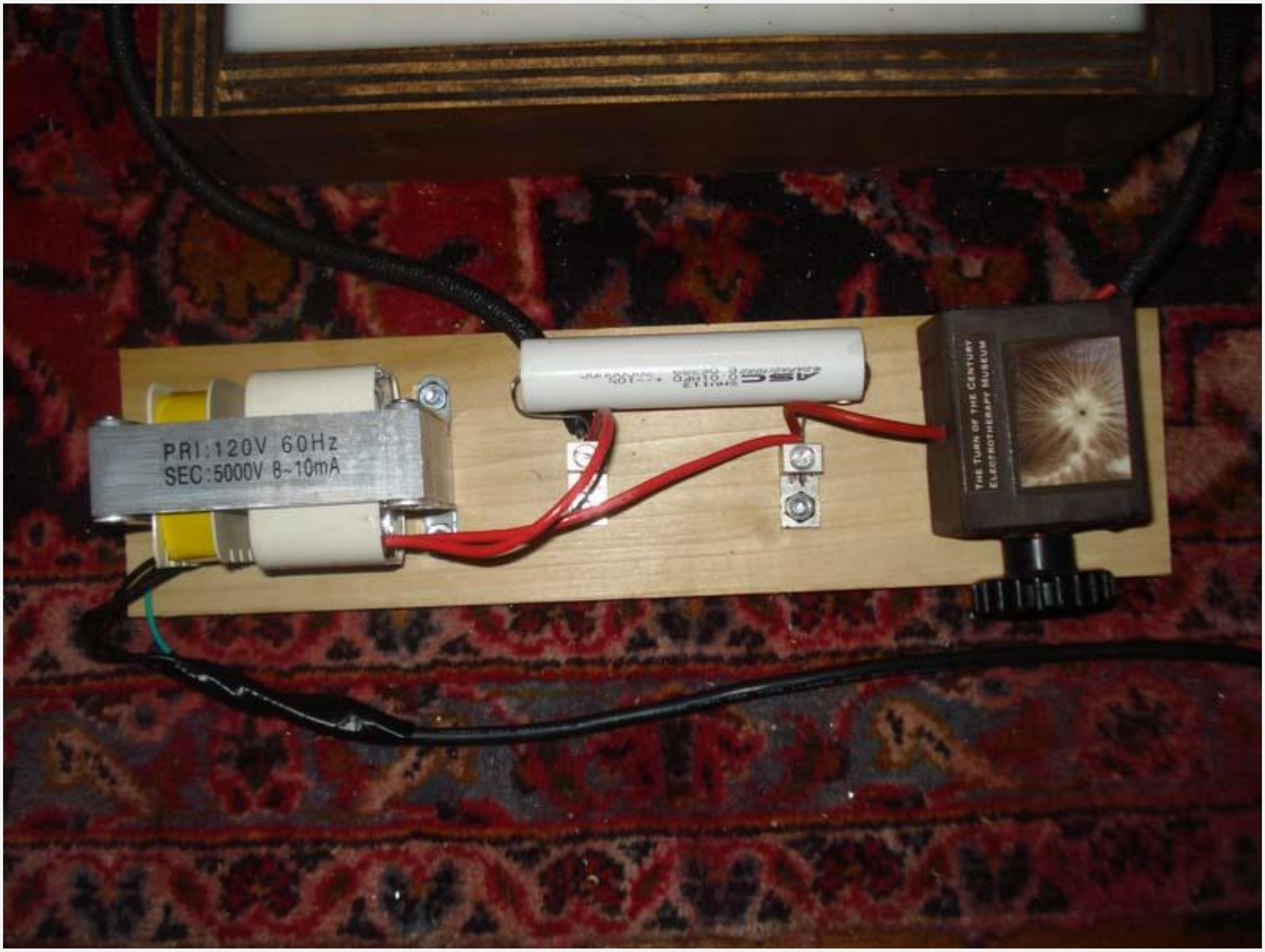
FRACTIONS – DECIMALS – MILLIMETERS
PRI 120V 60Hz
SEC:5000V 6-10mA

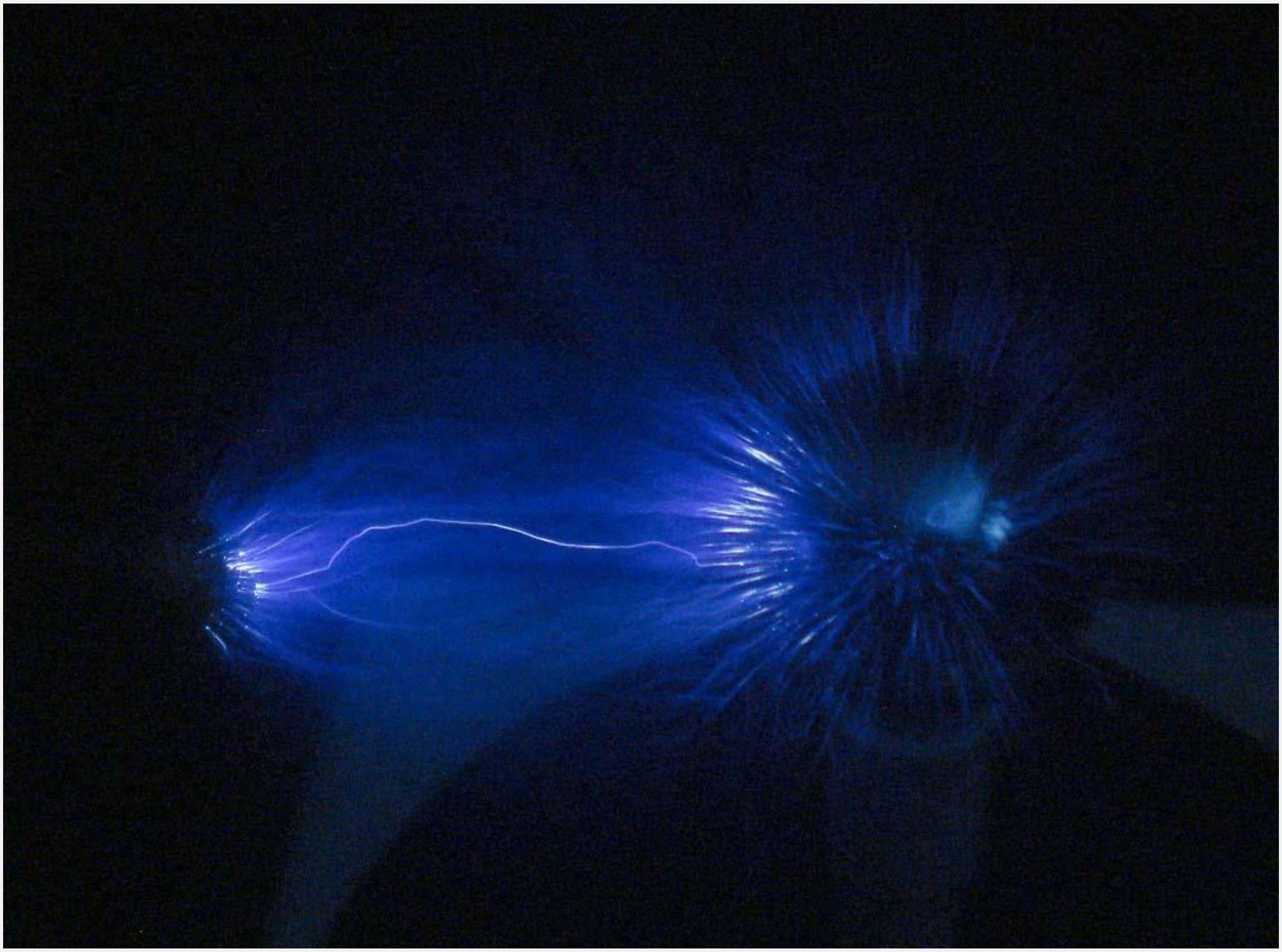


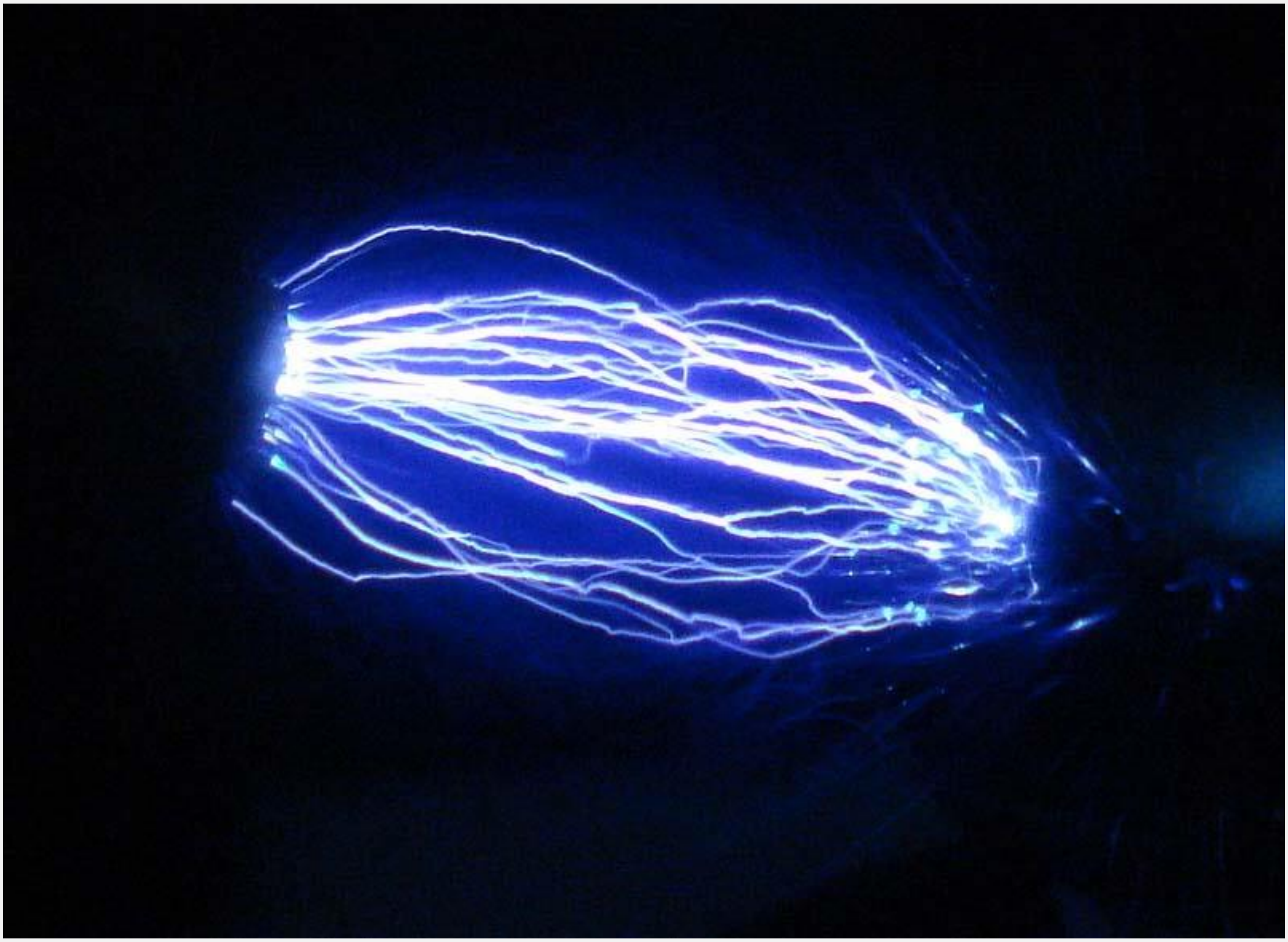


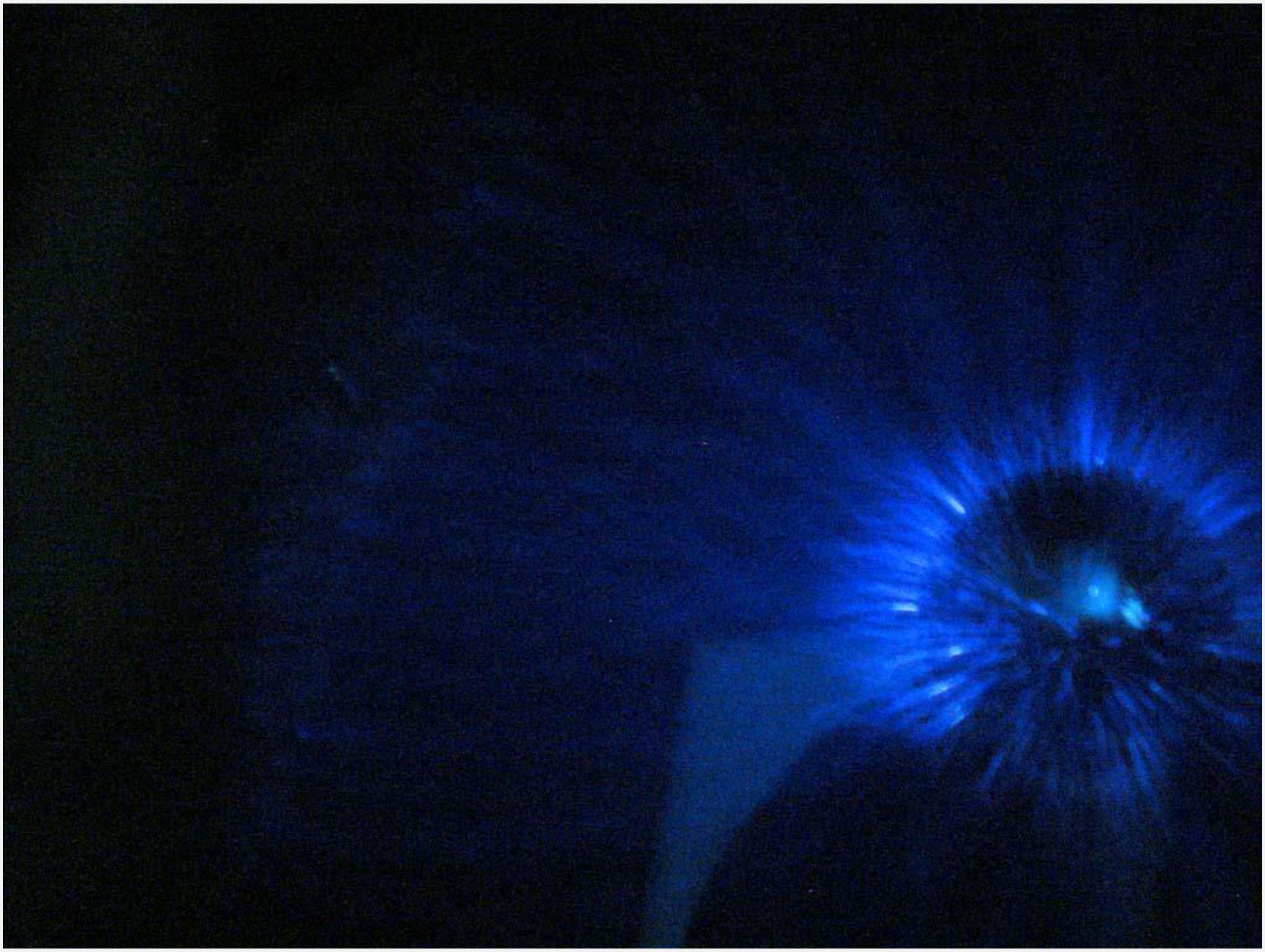


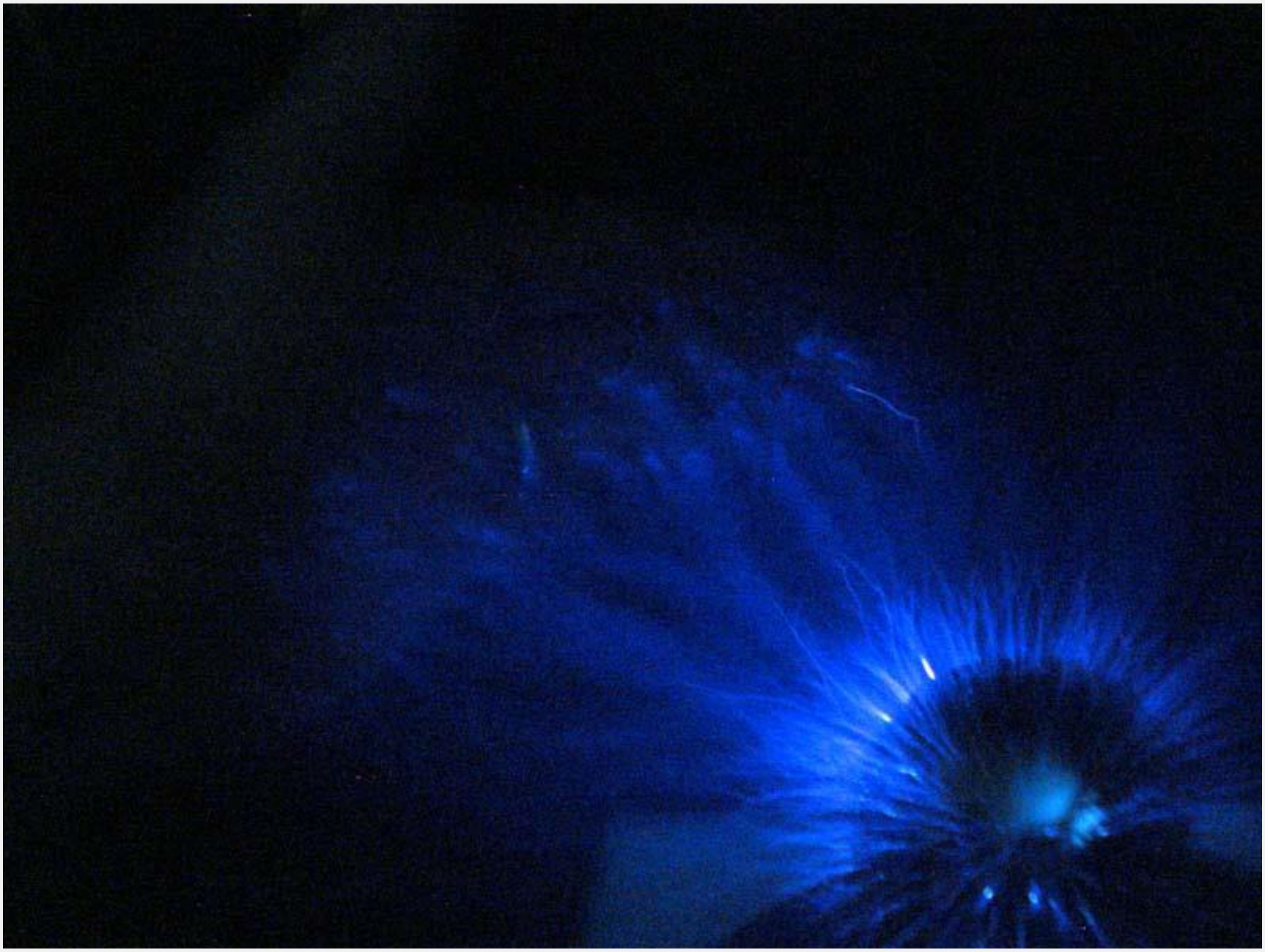

PRI.120V 60Hz
SEC.5000V 8-10mA

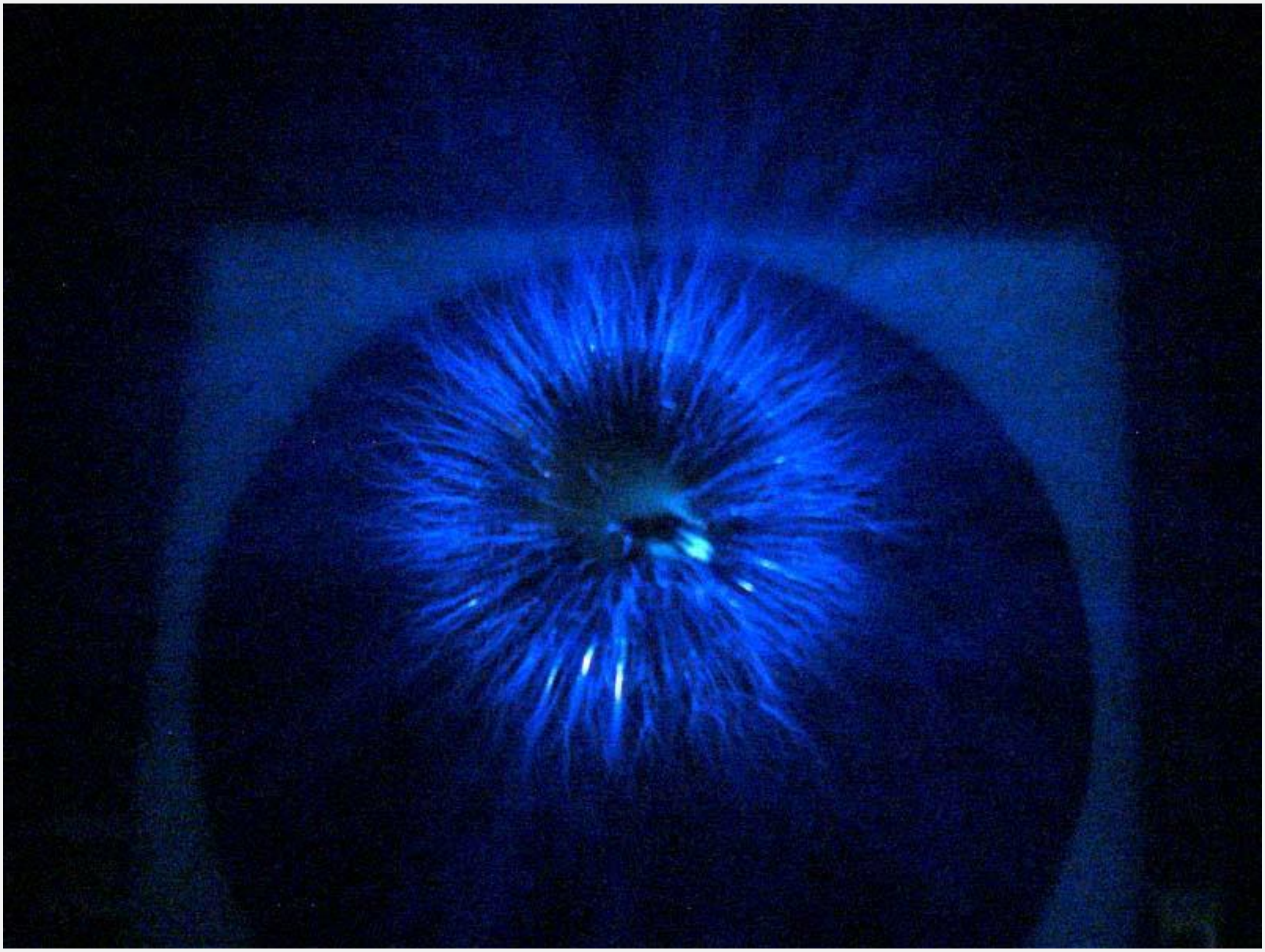

PRI:120V 60Hz
SEC:5000V 8~10mA
THE TURN OF THE CENTURY
ELECTROTHERAPY MUSEUM

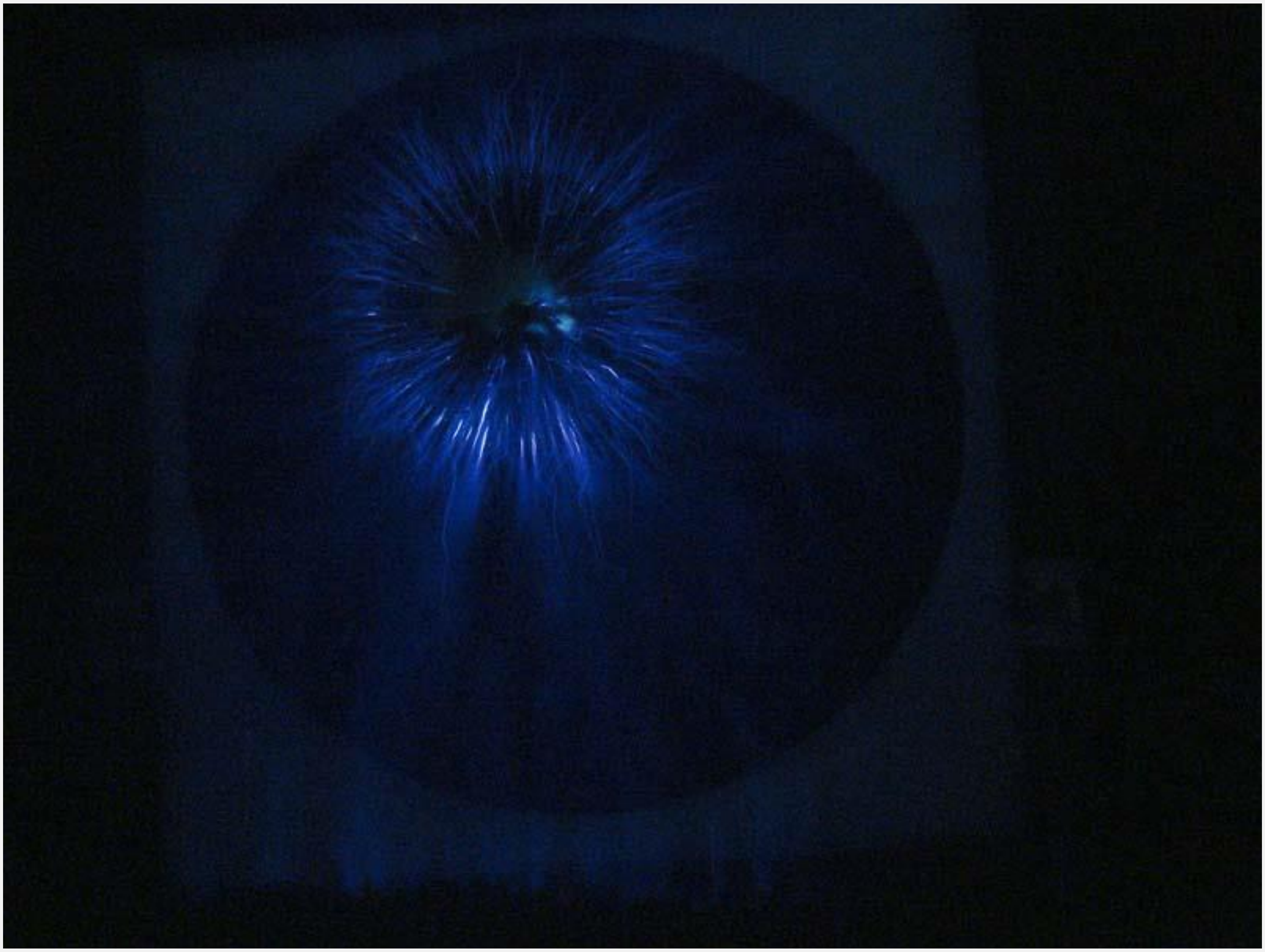


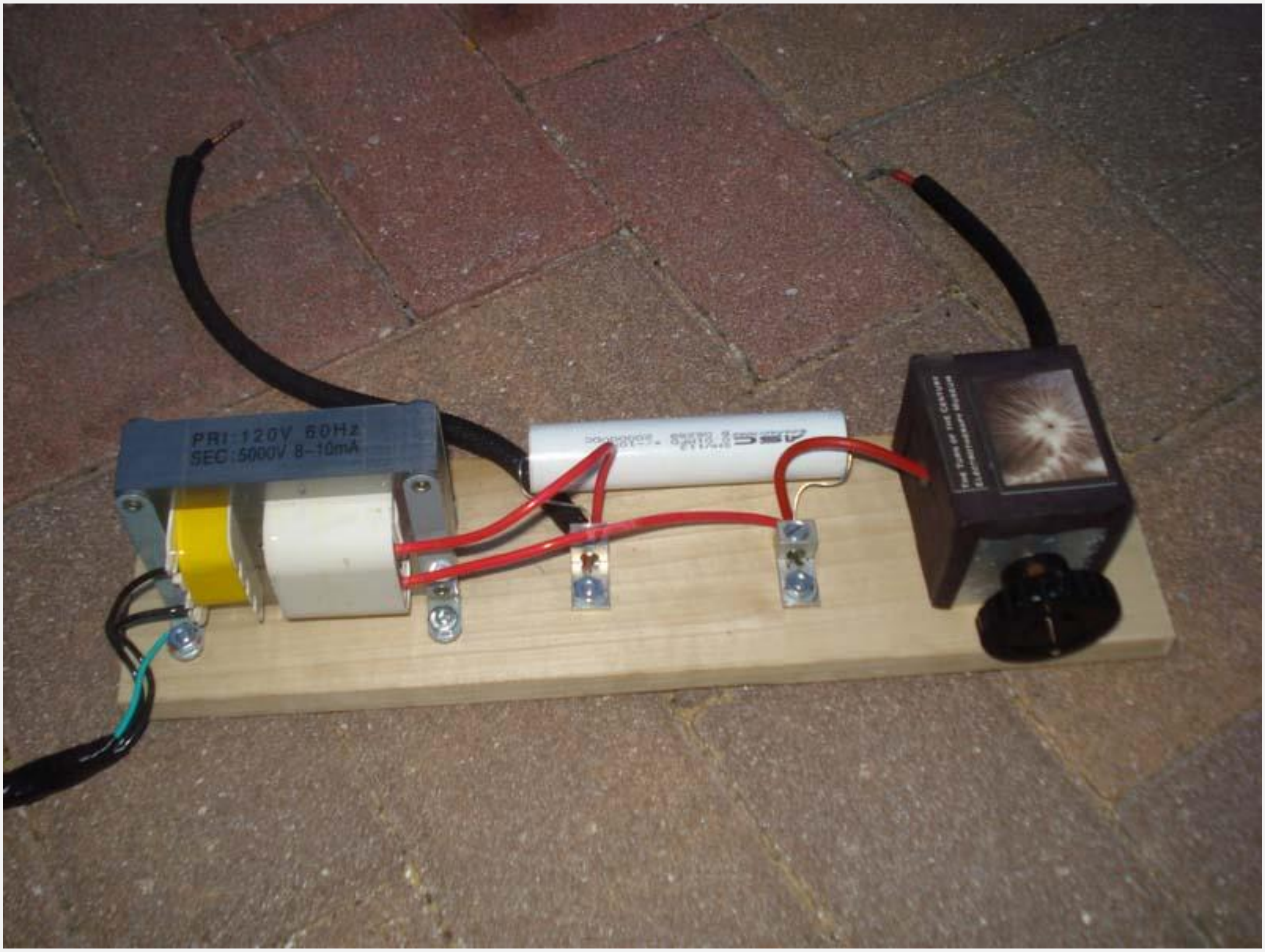








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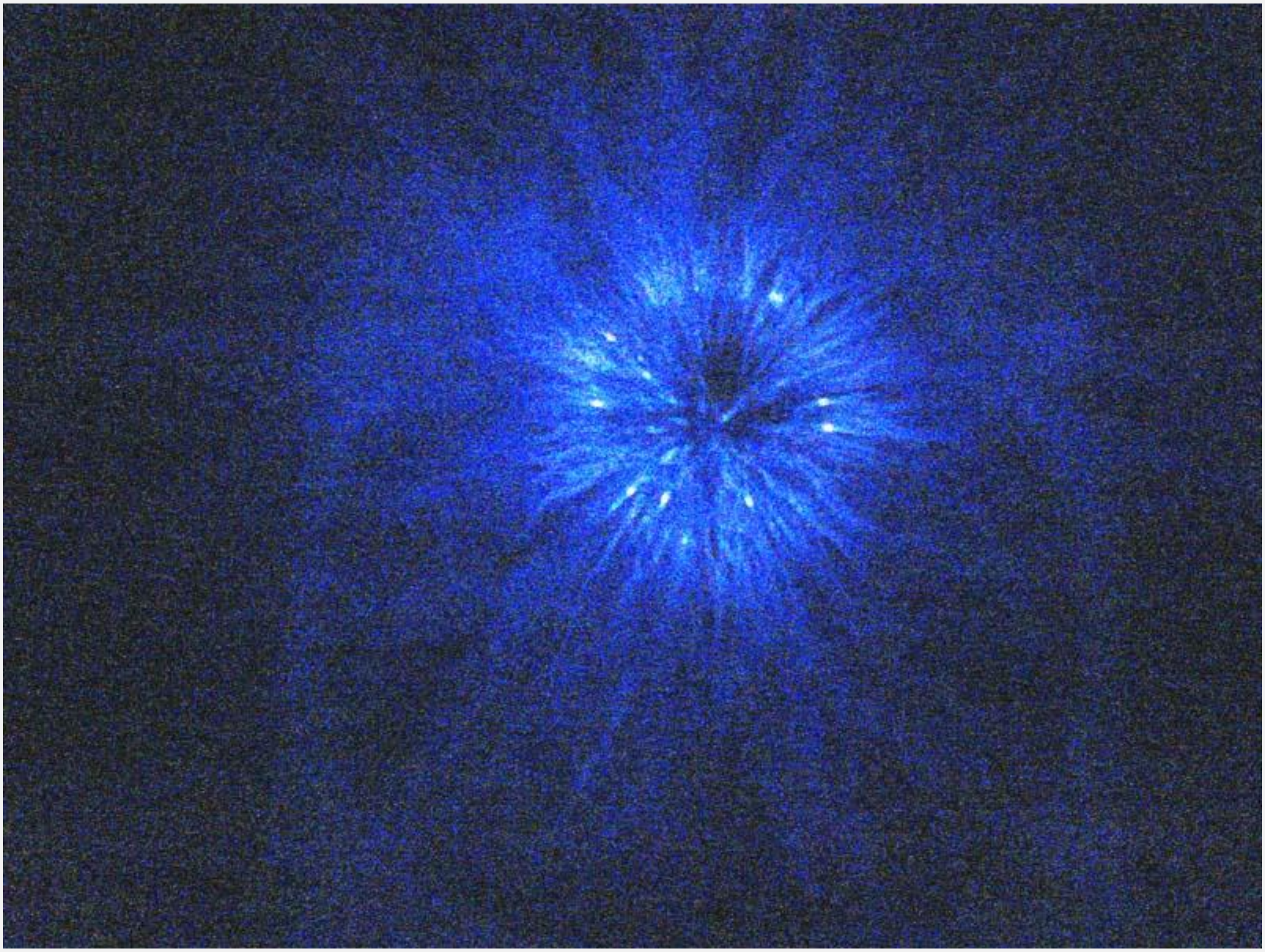
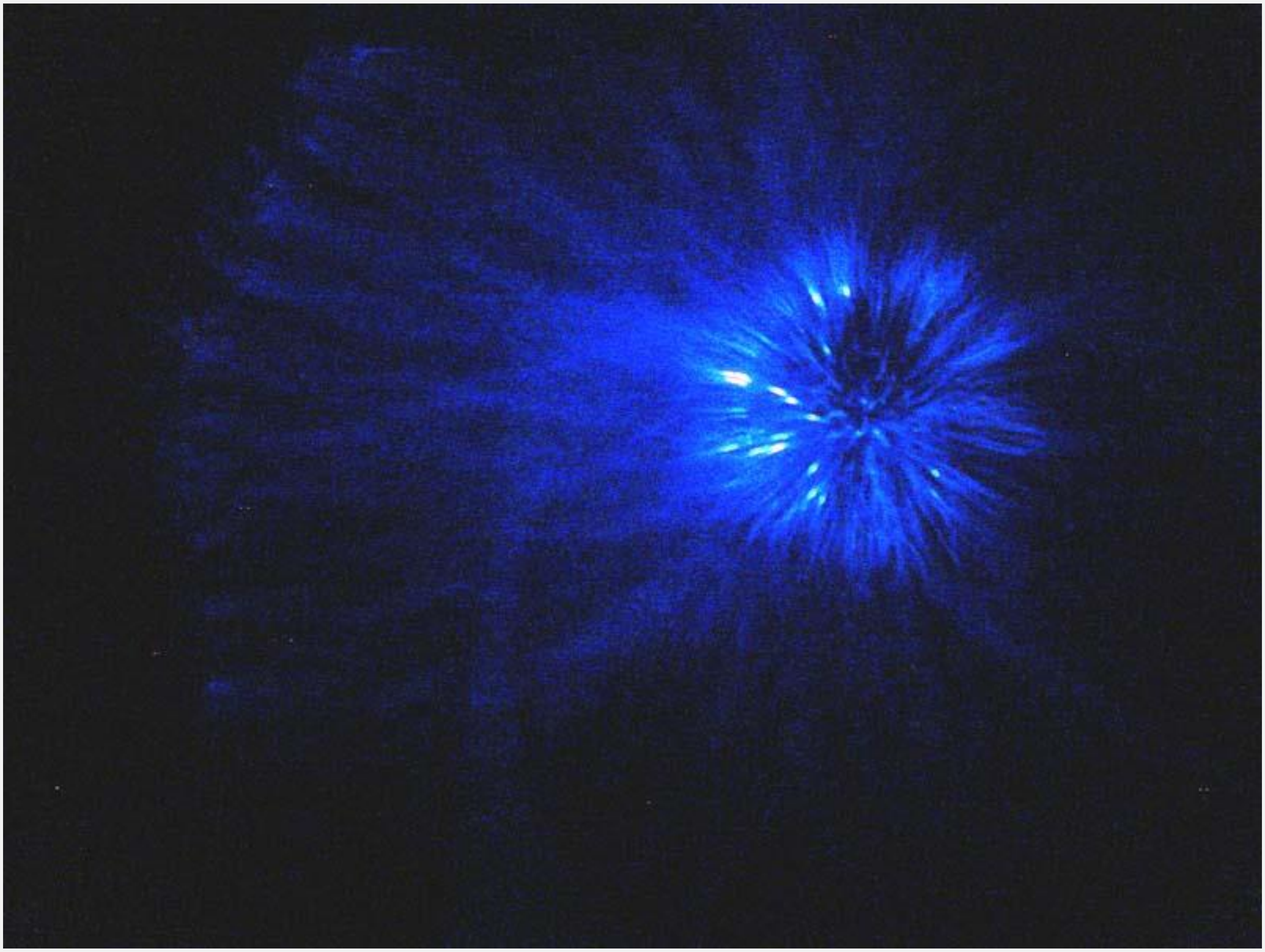
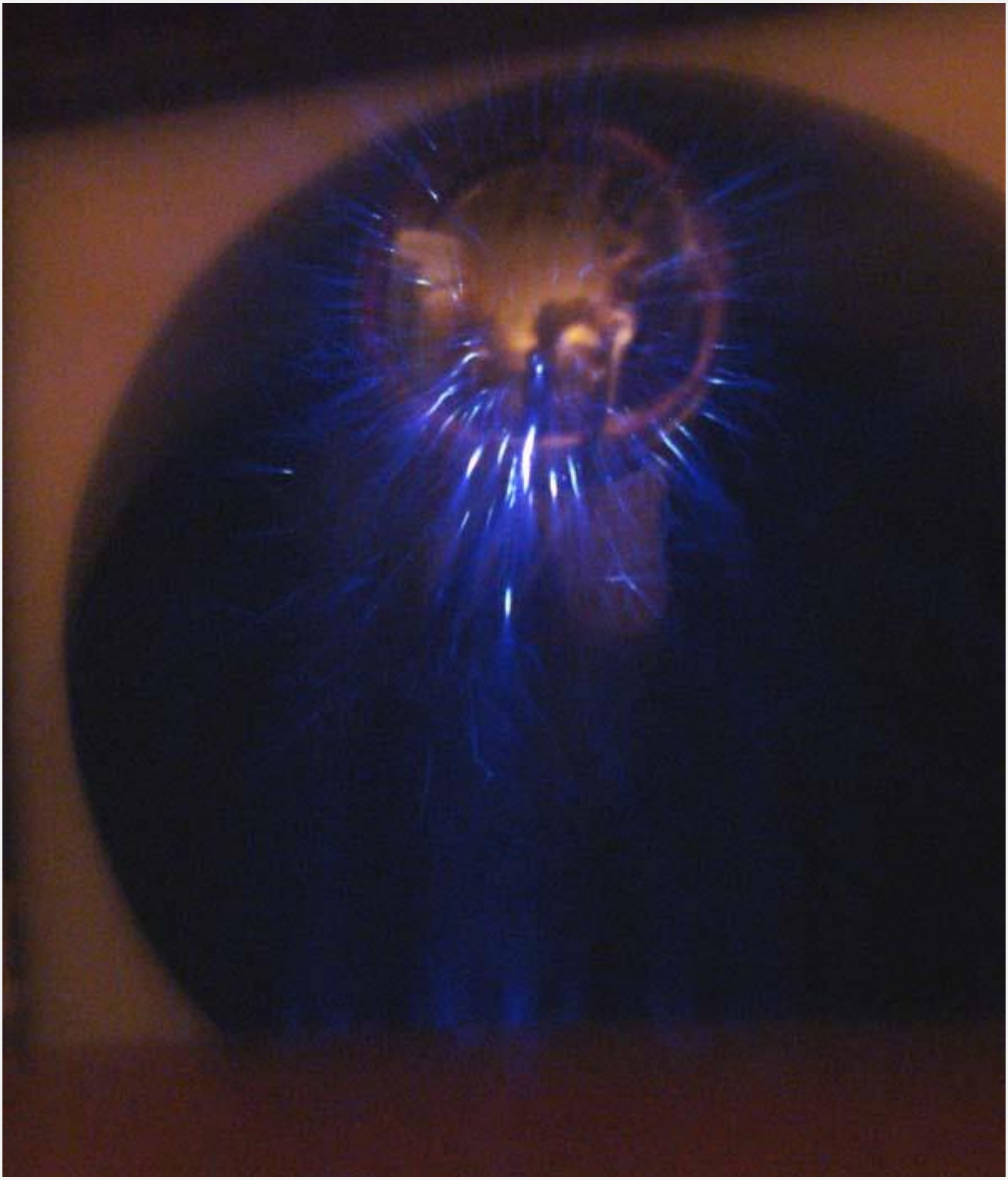
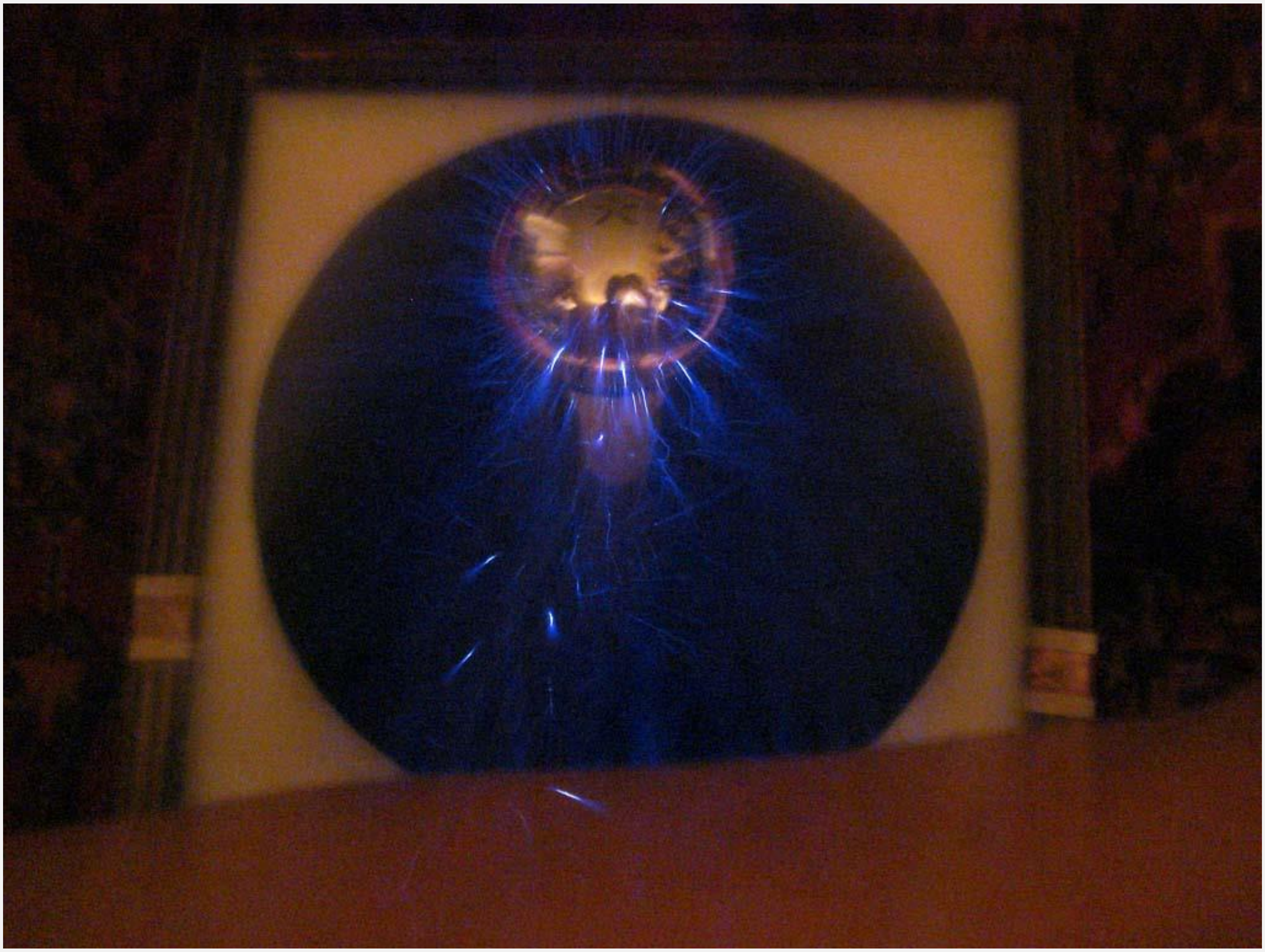
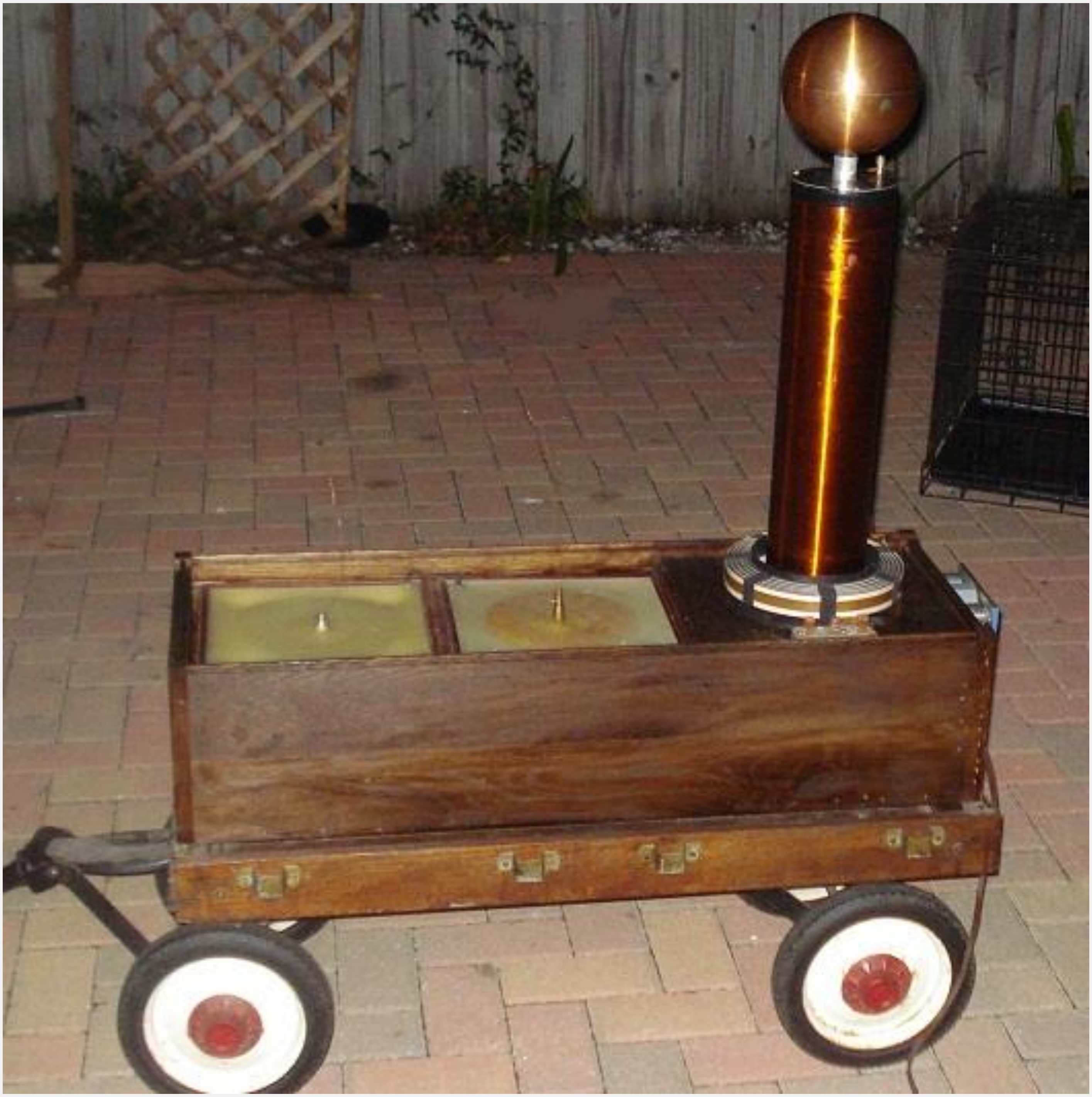
SEC:5000V 8-10mA

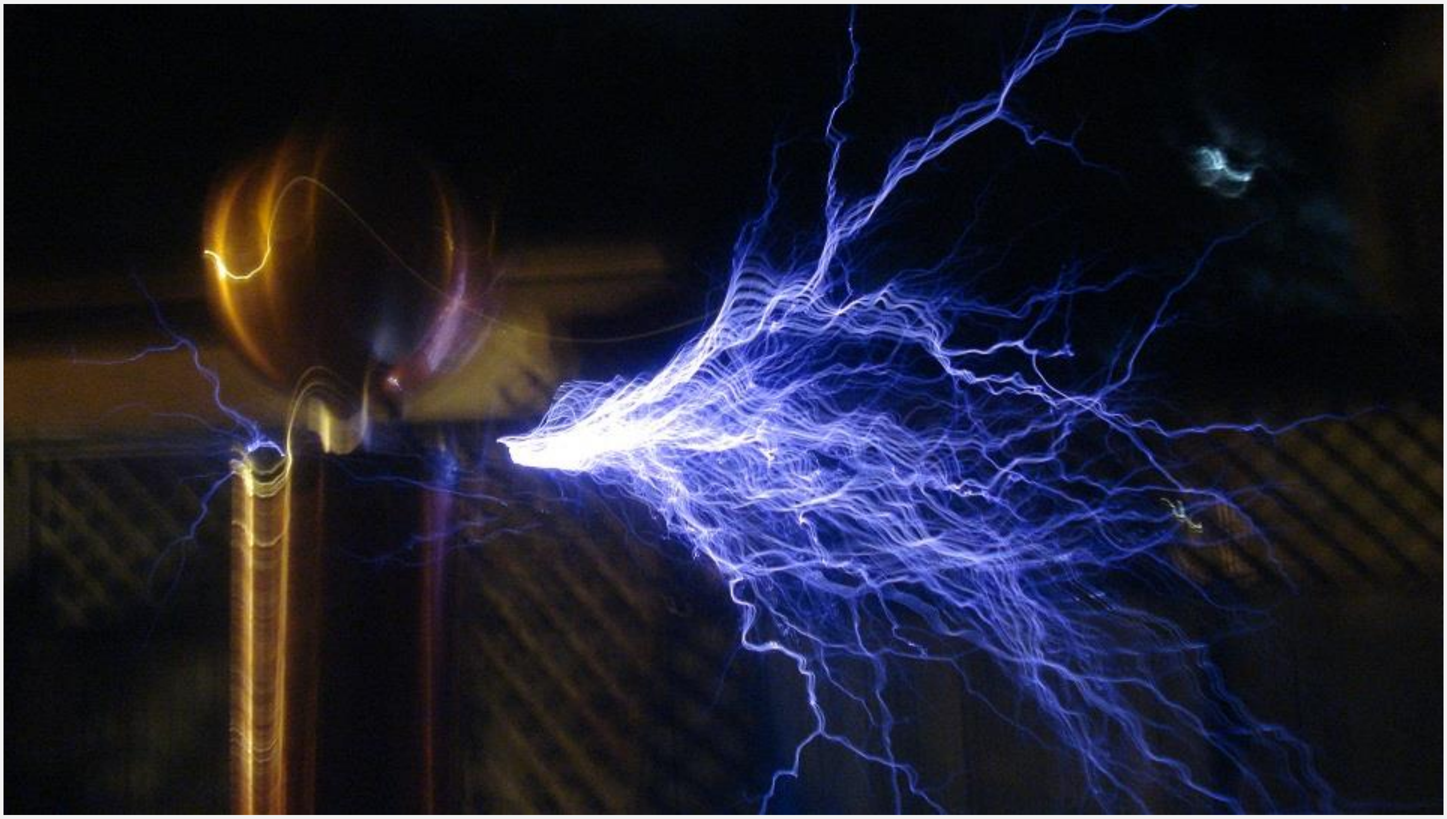


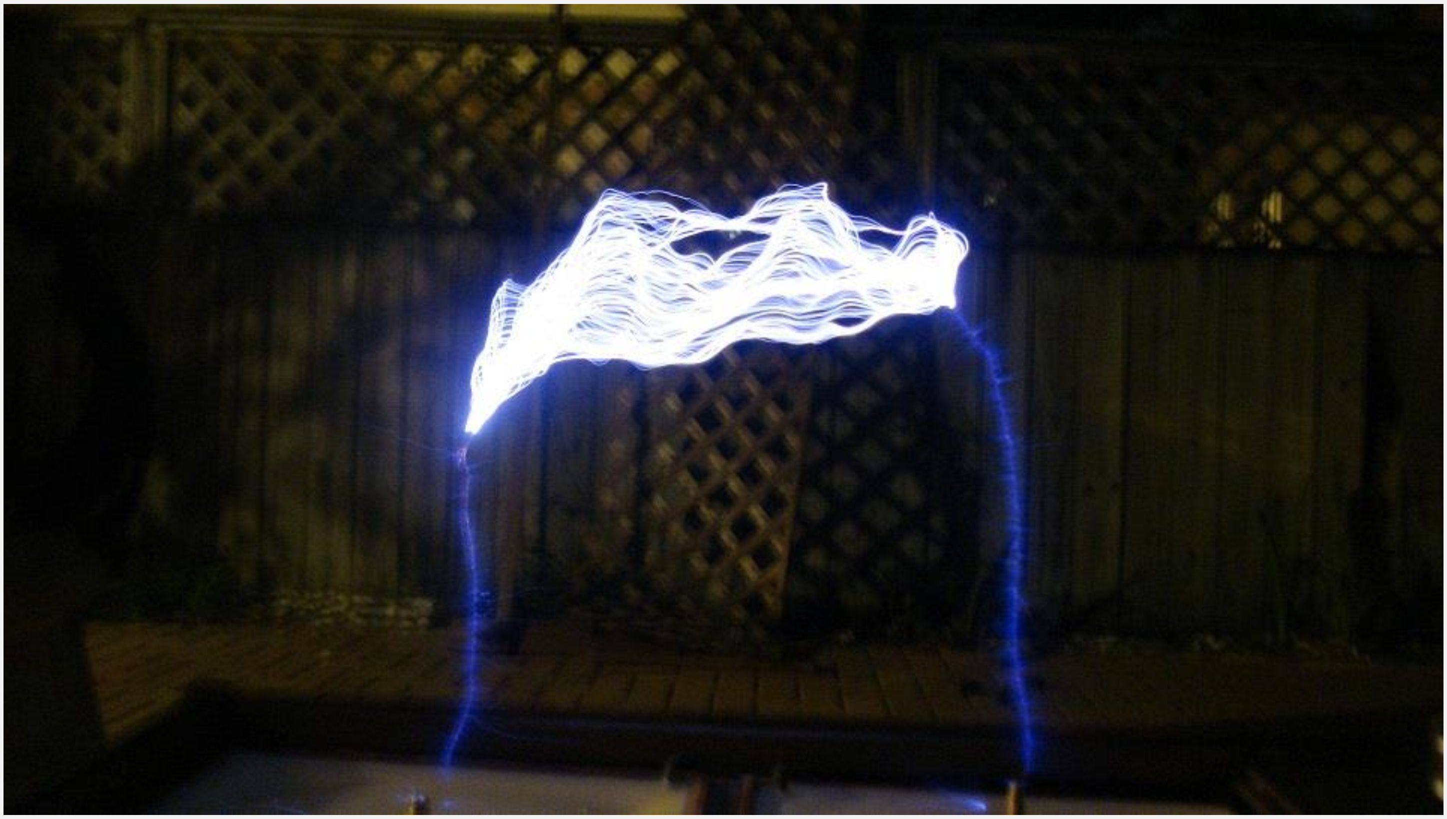


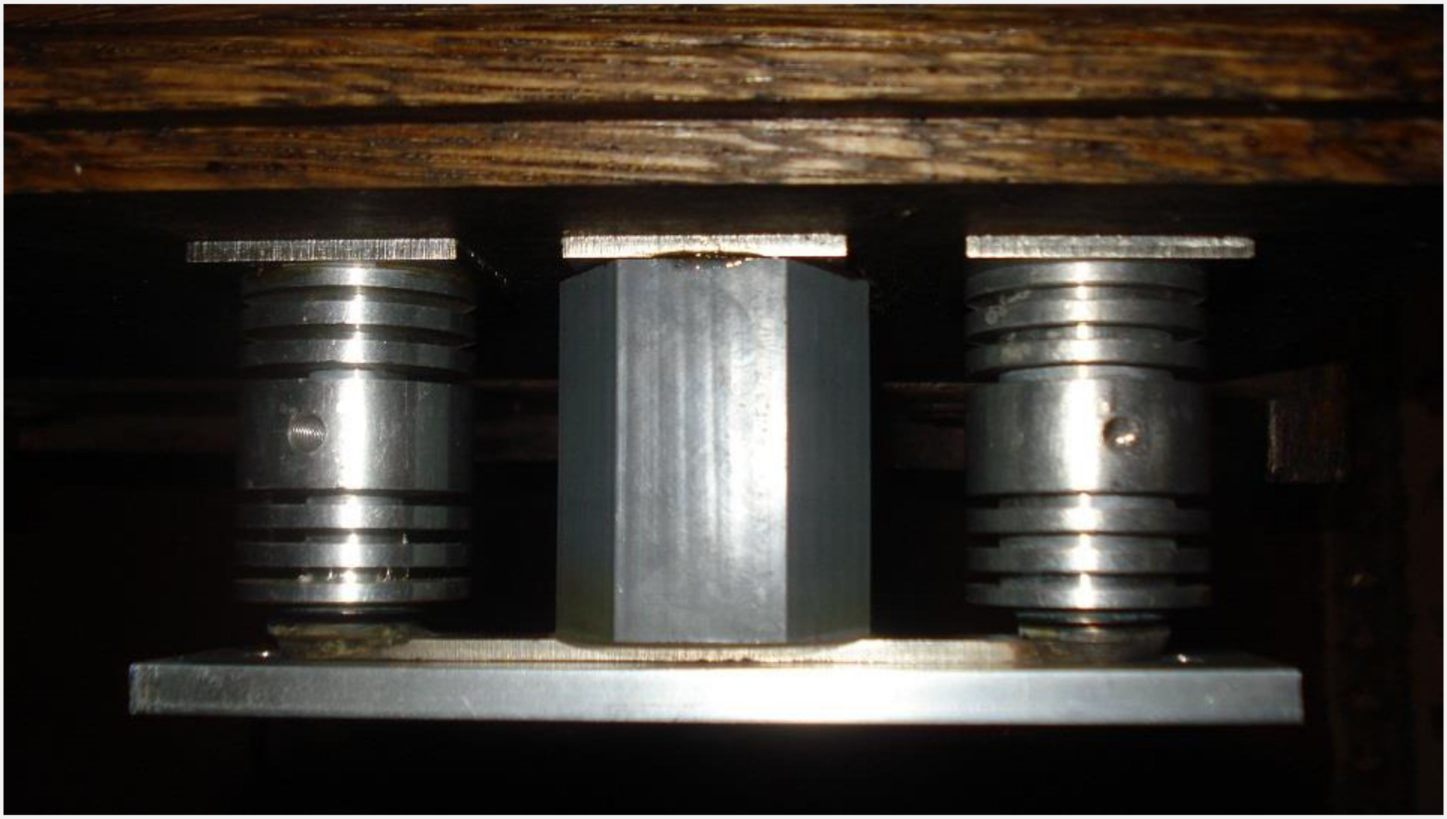


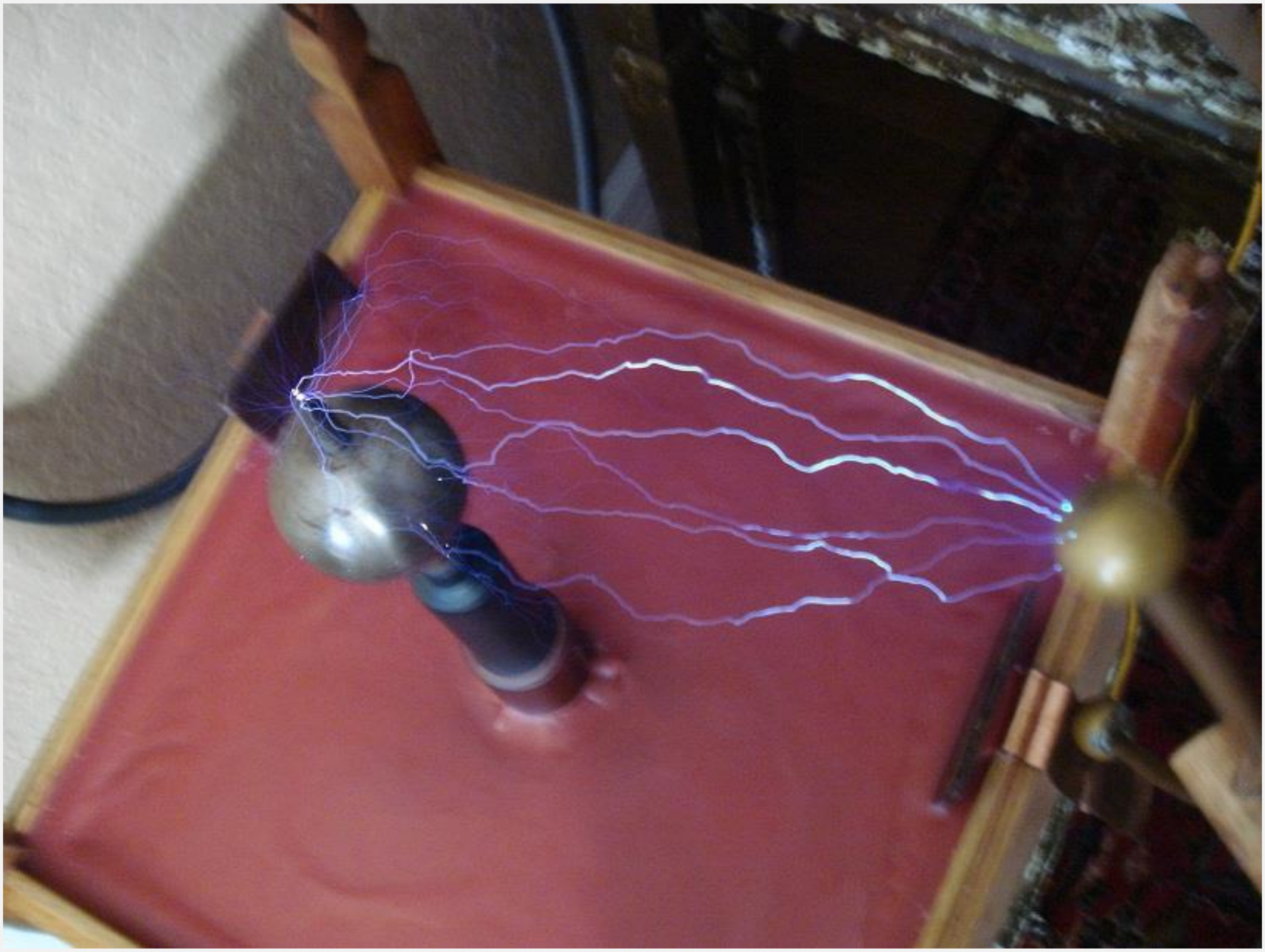


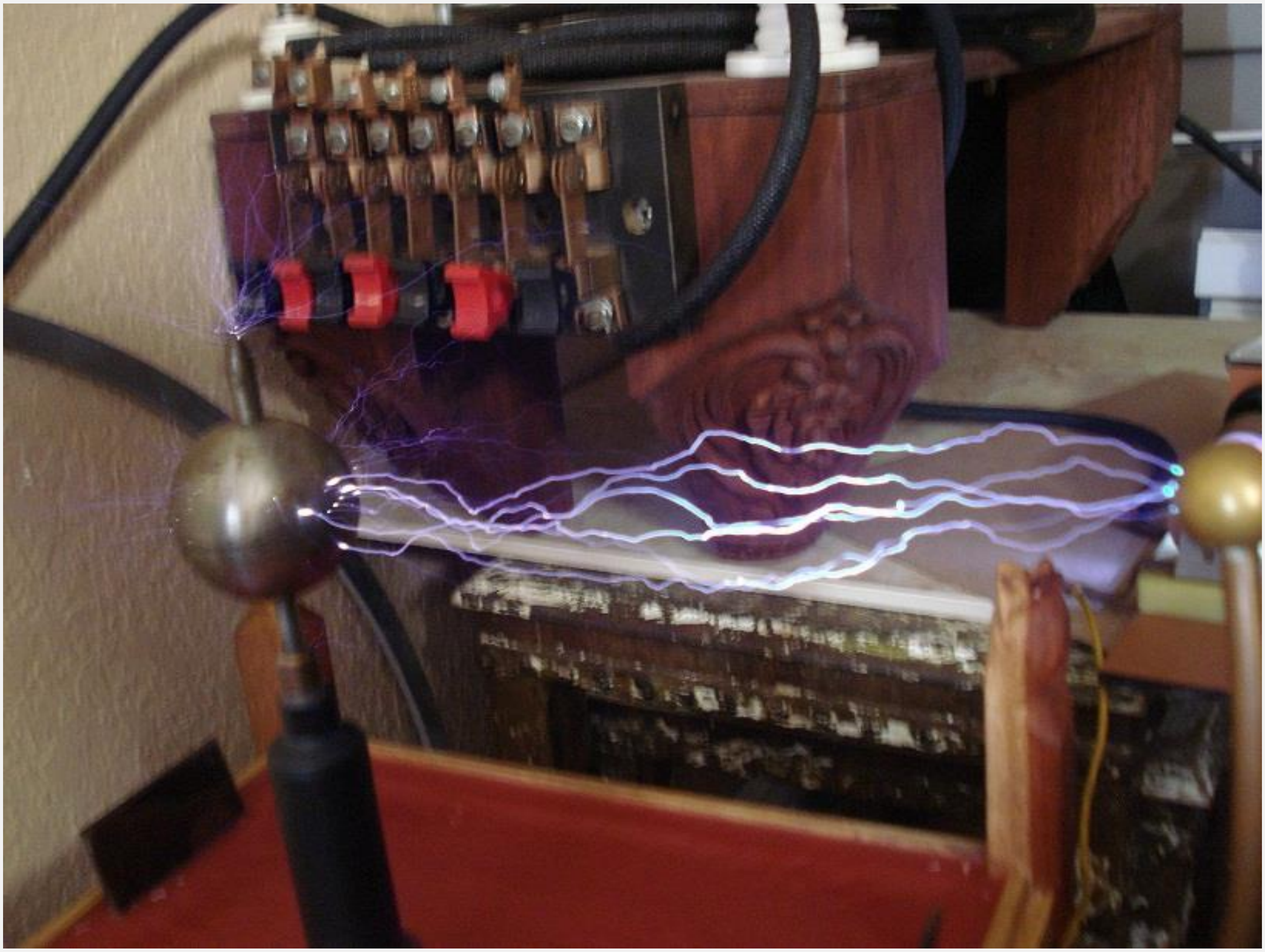


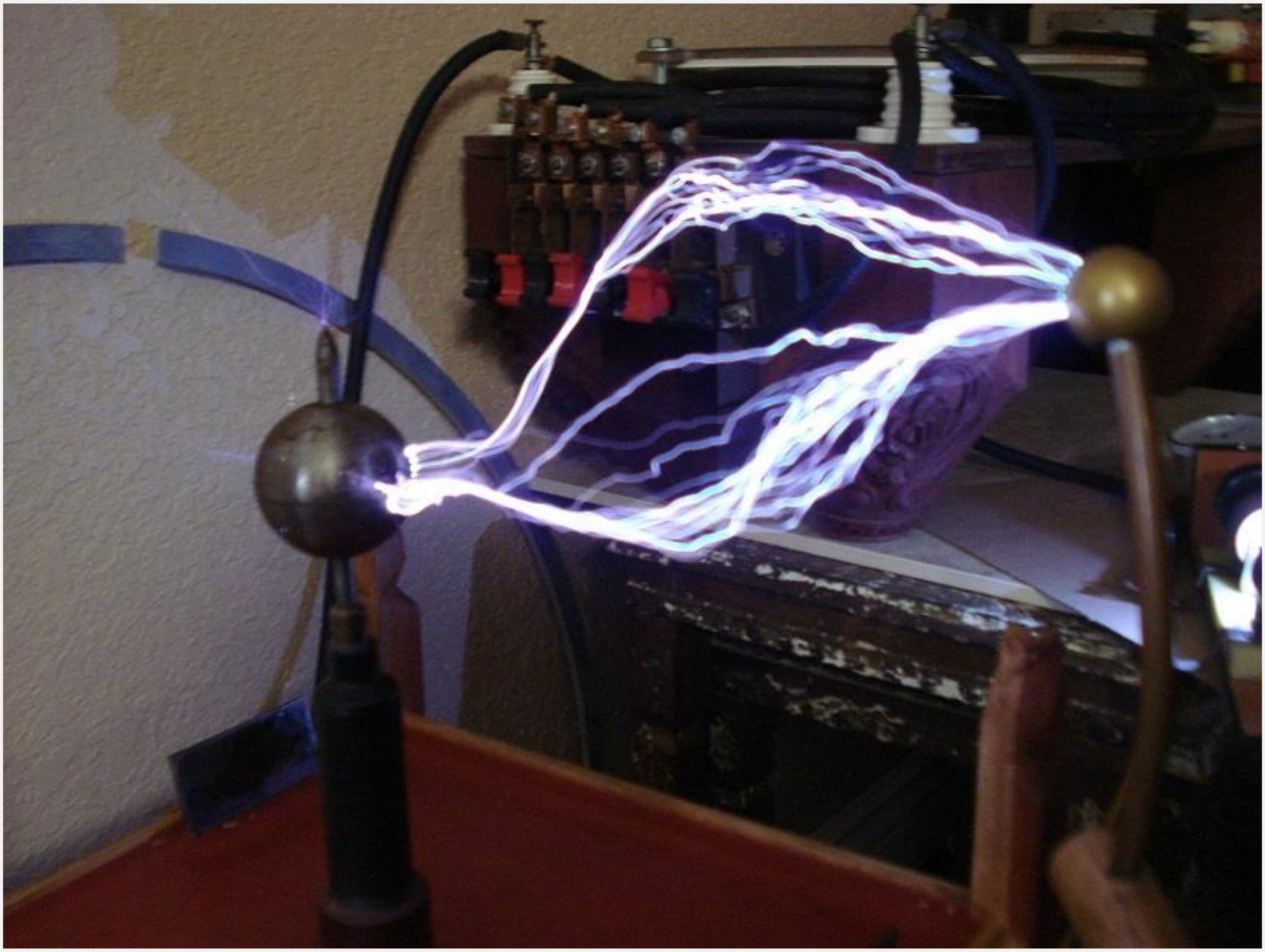


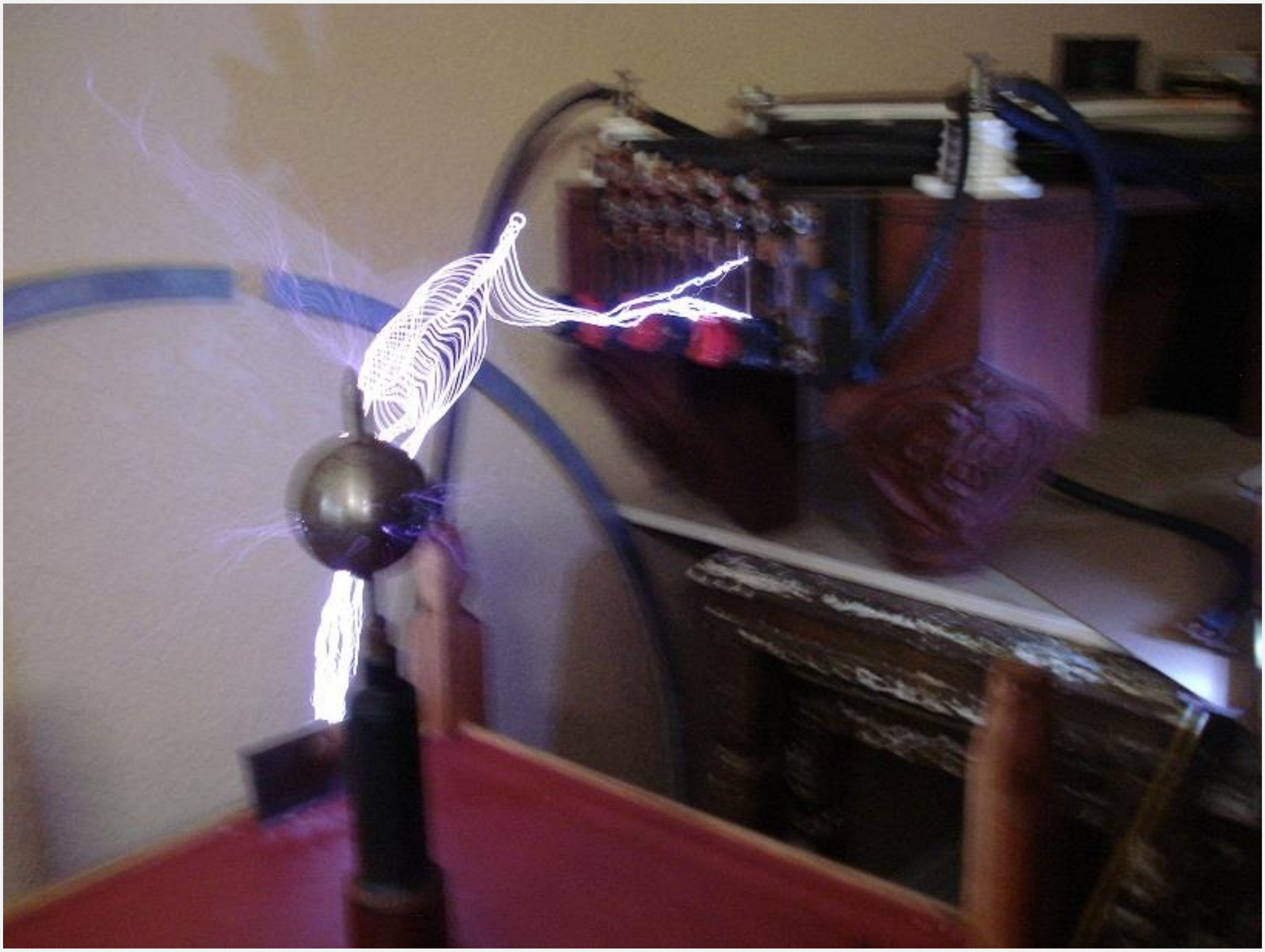


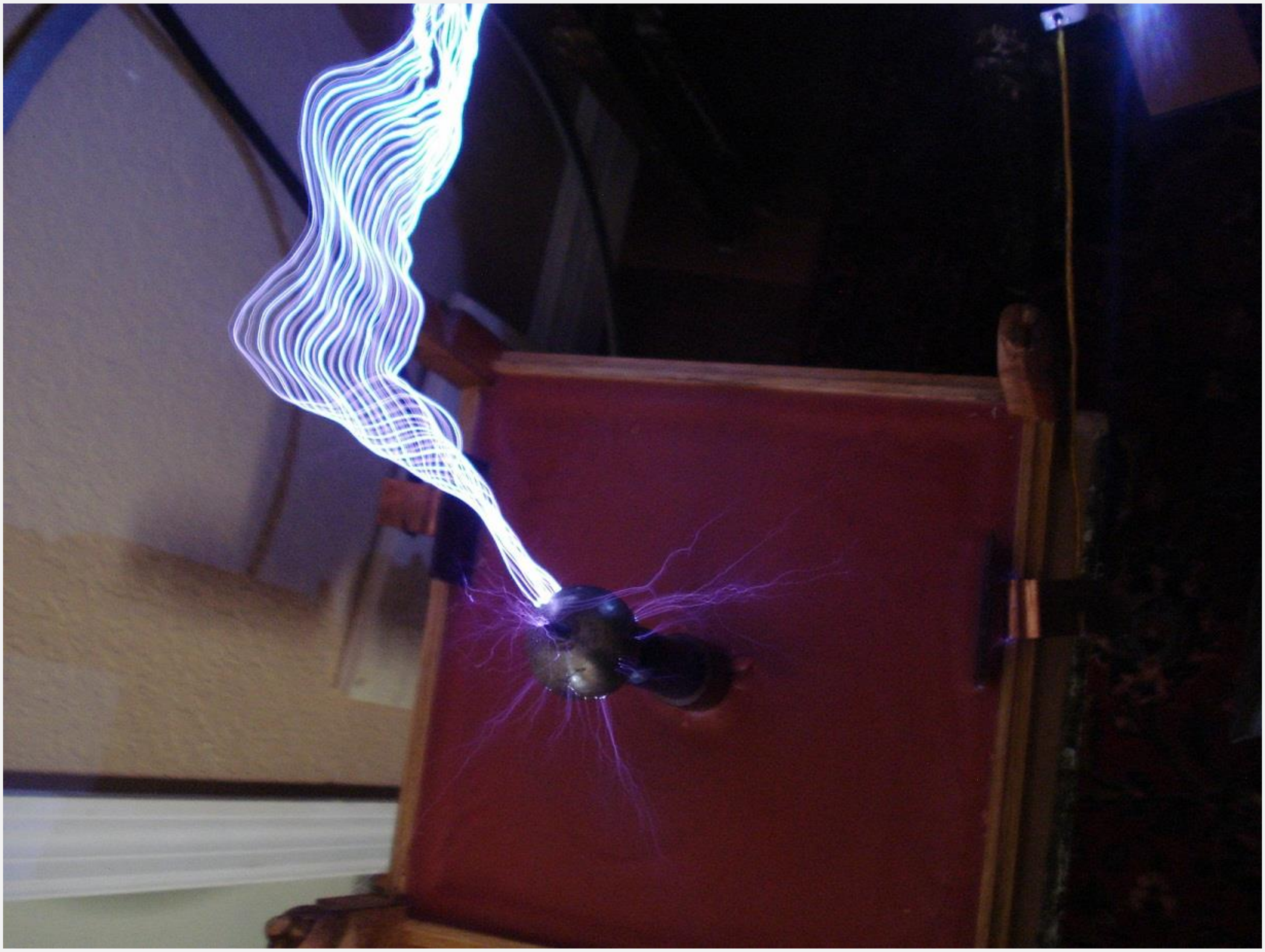


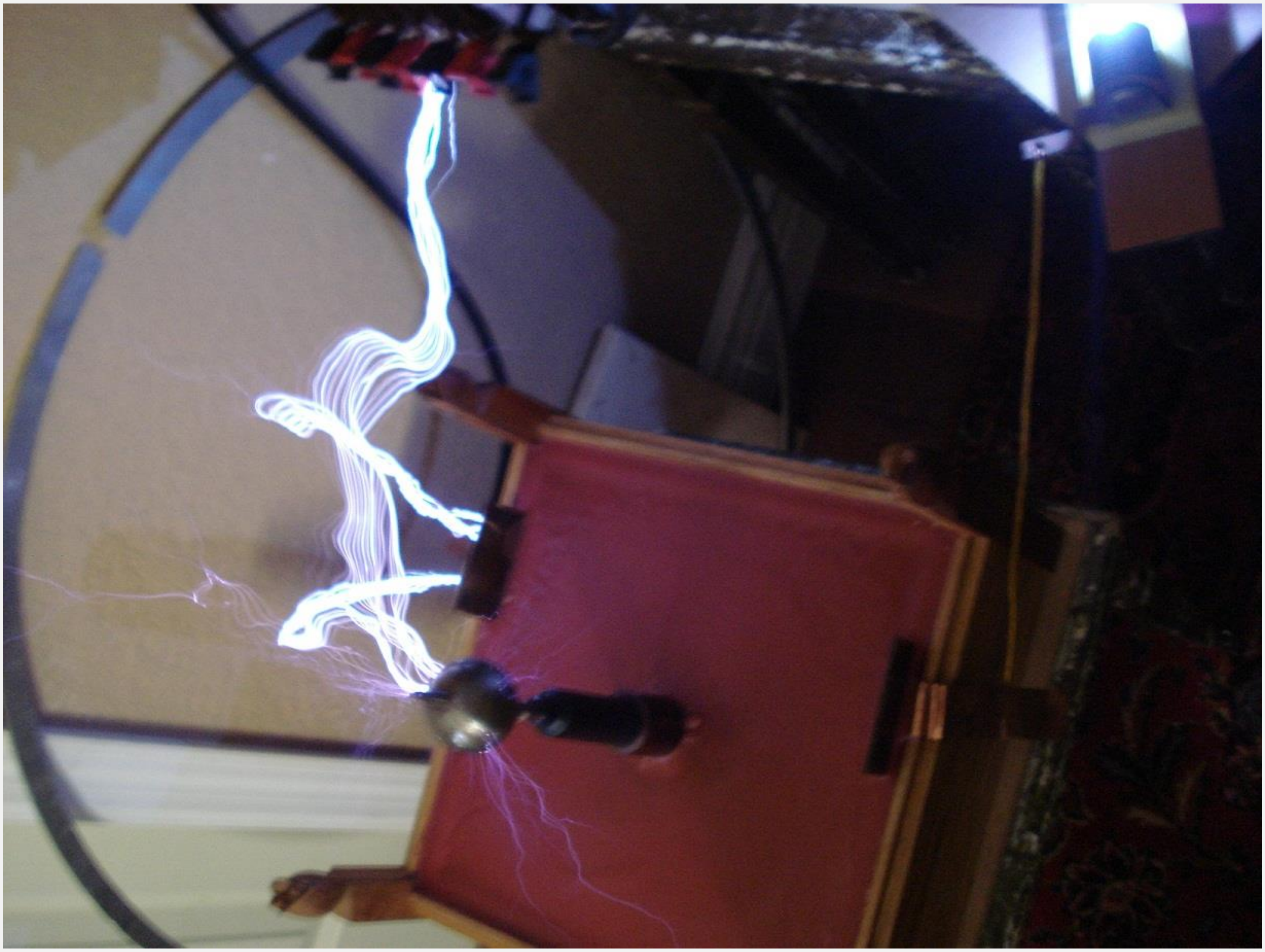


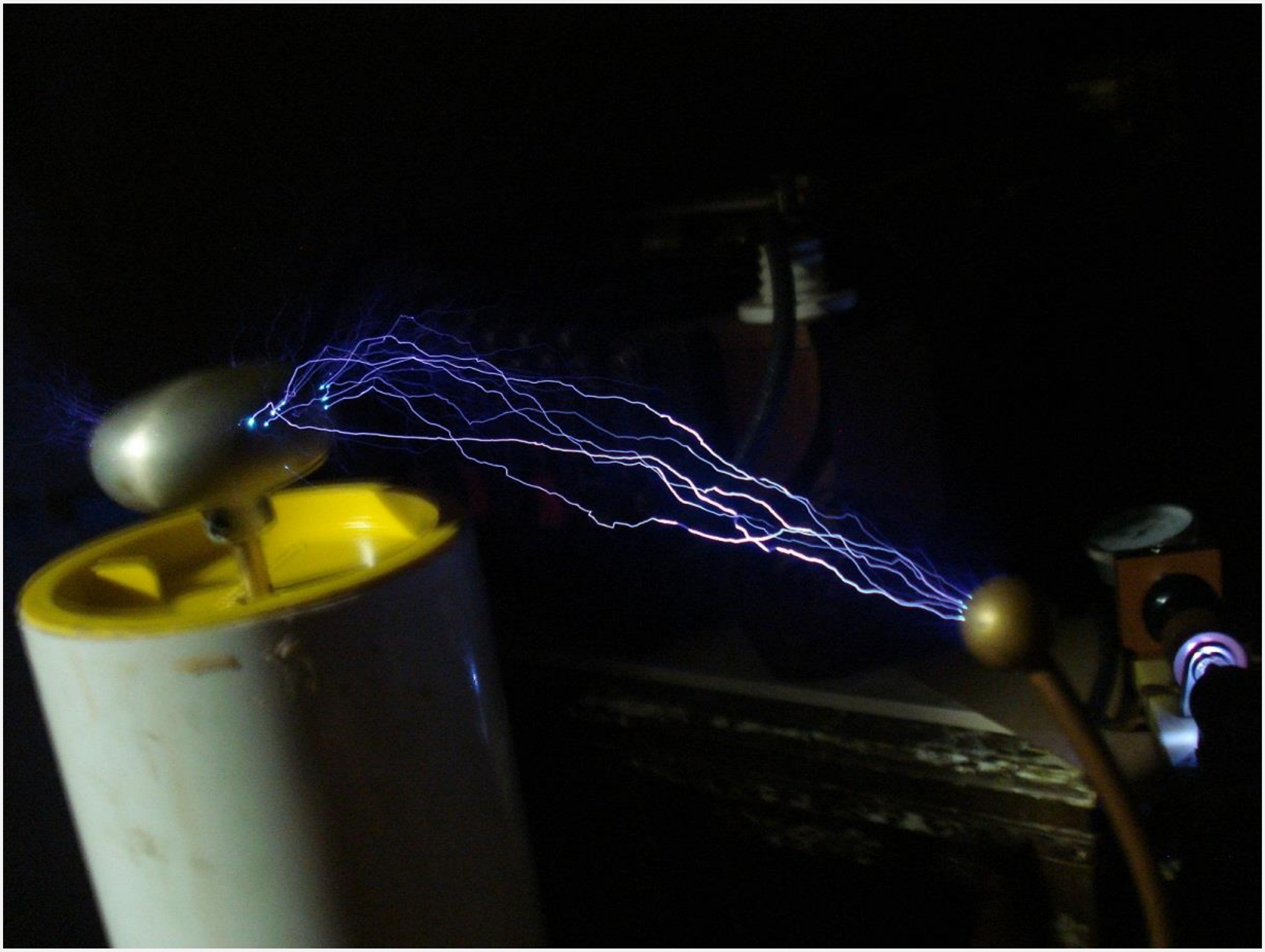


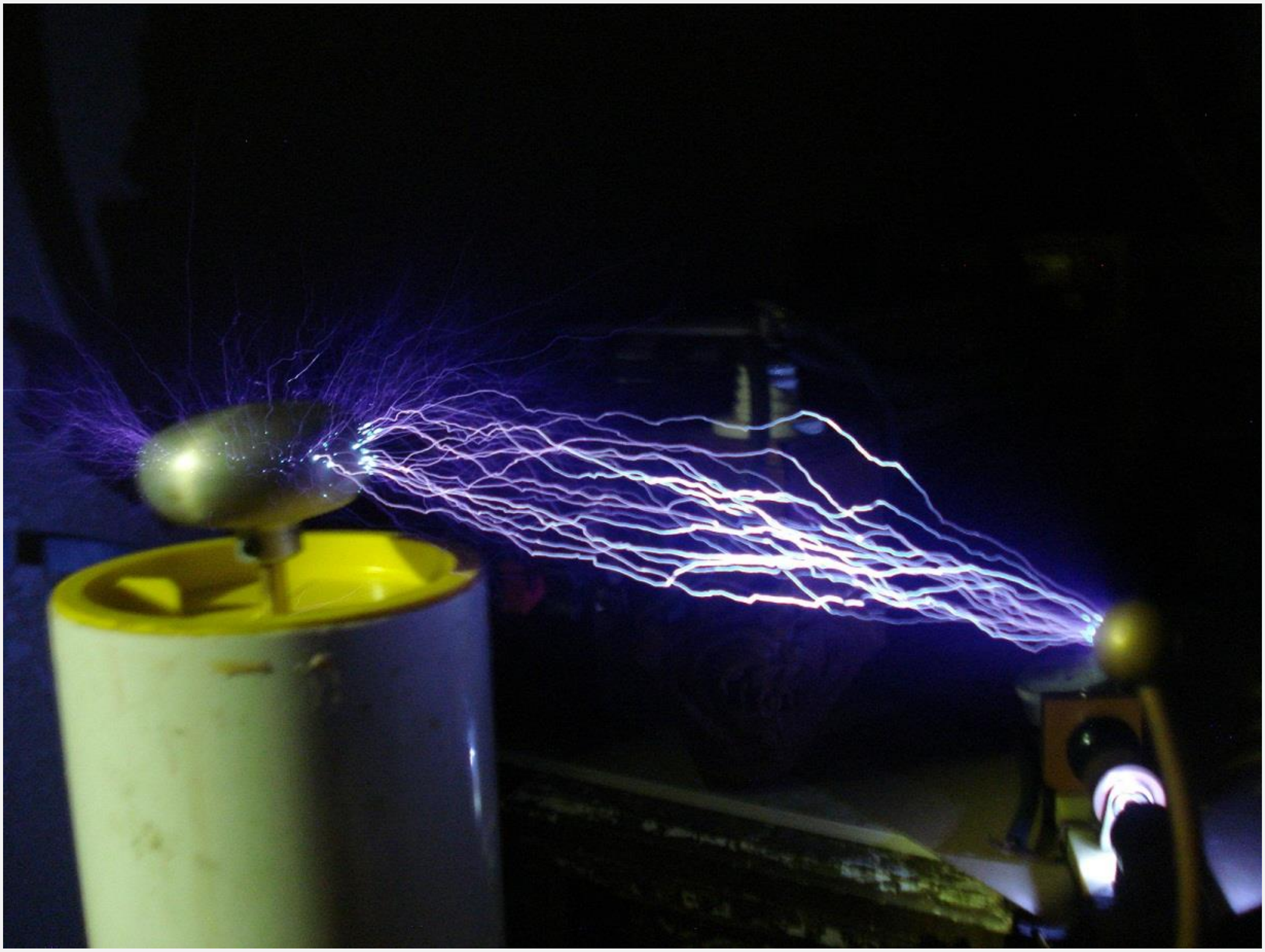


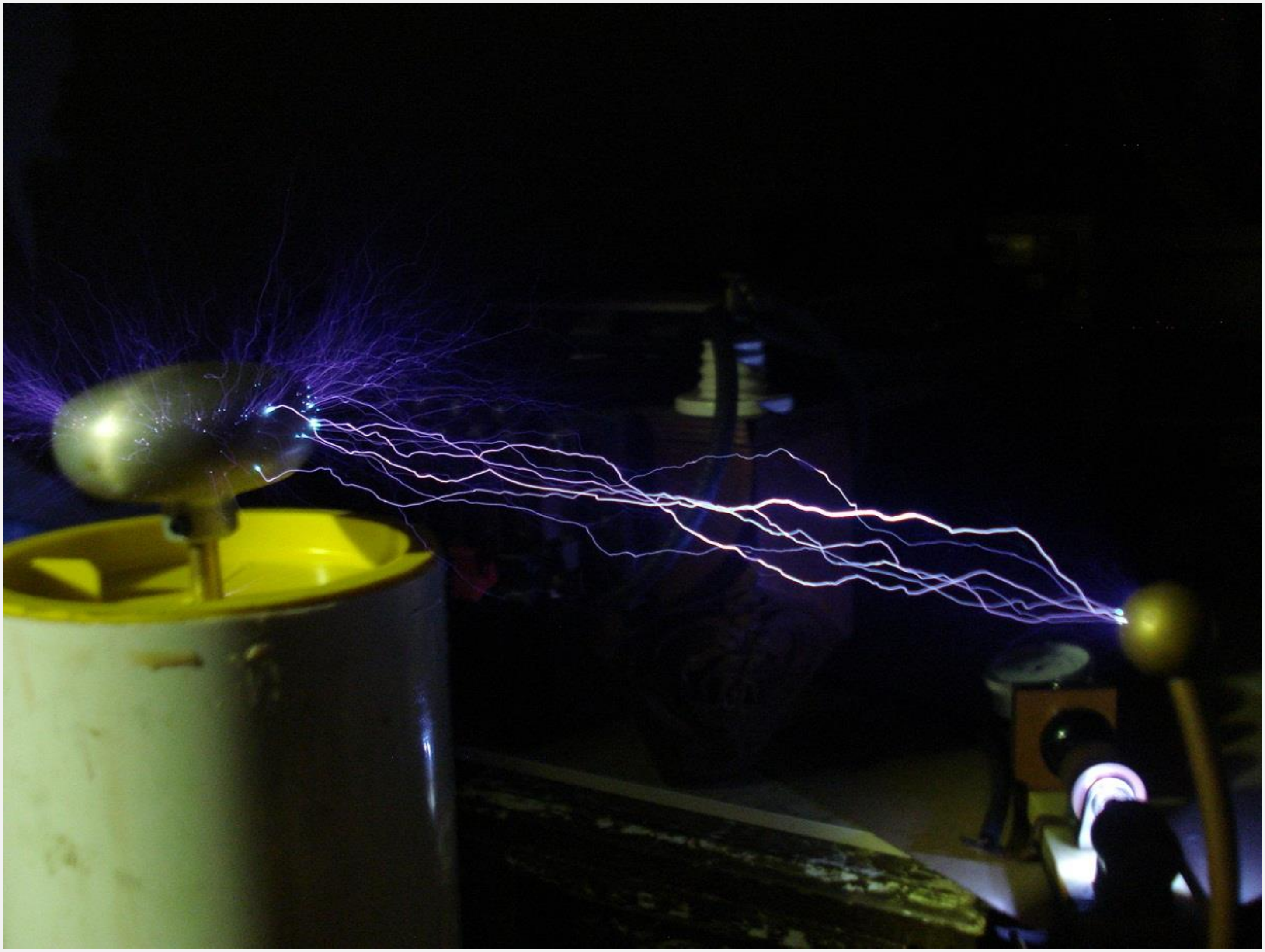


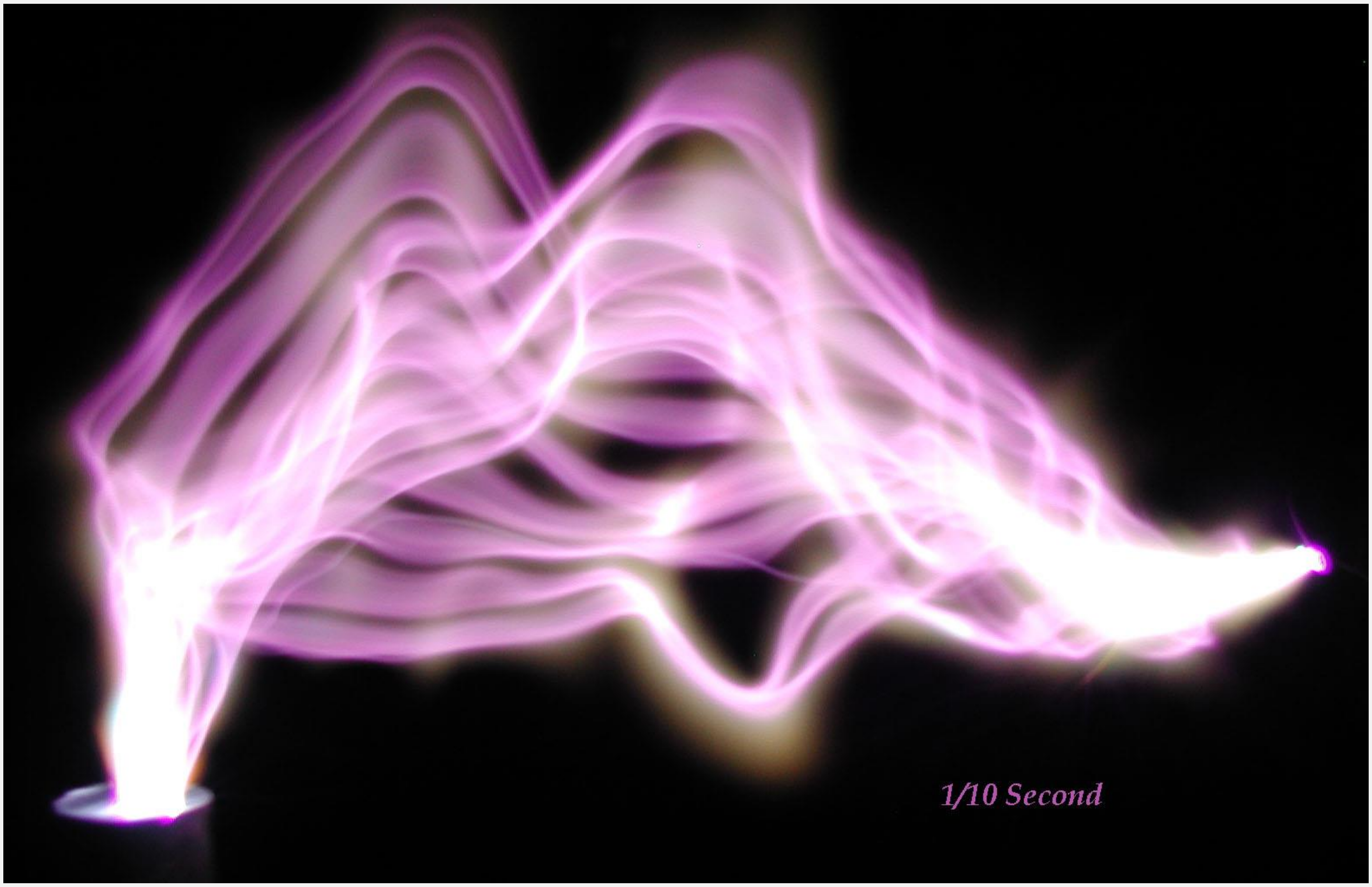












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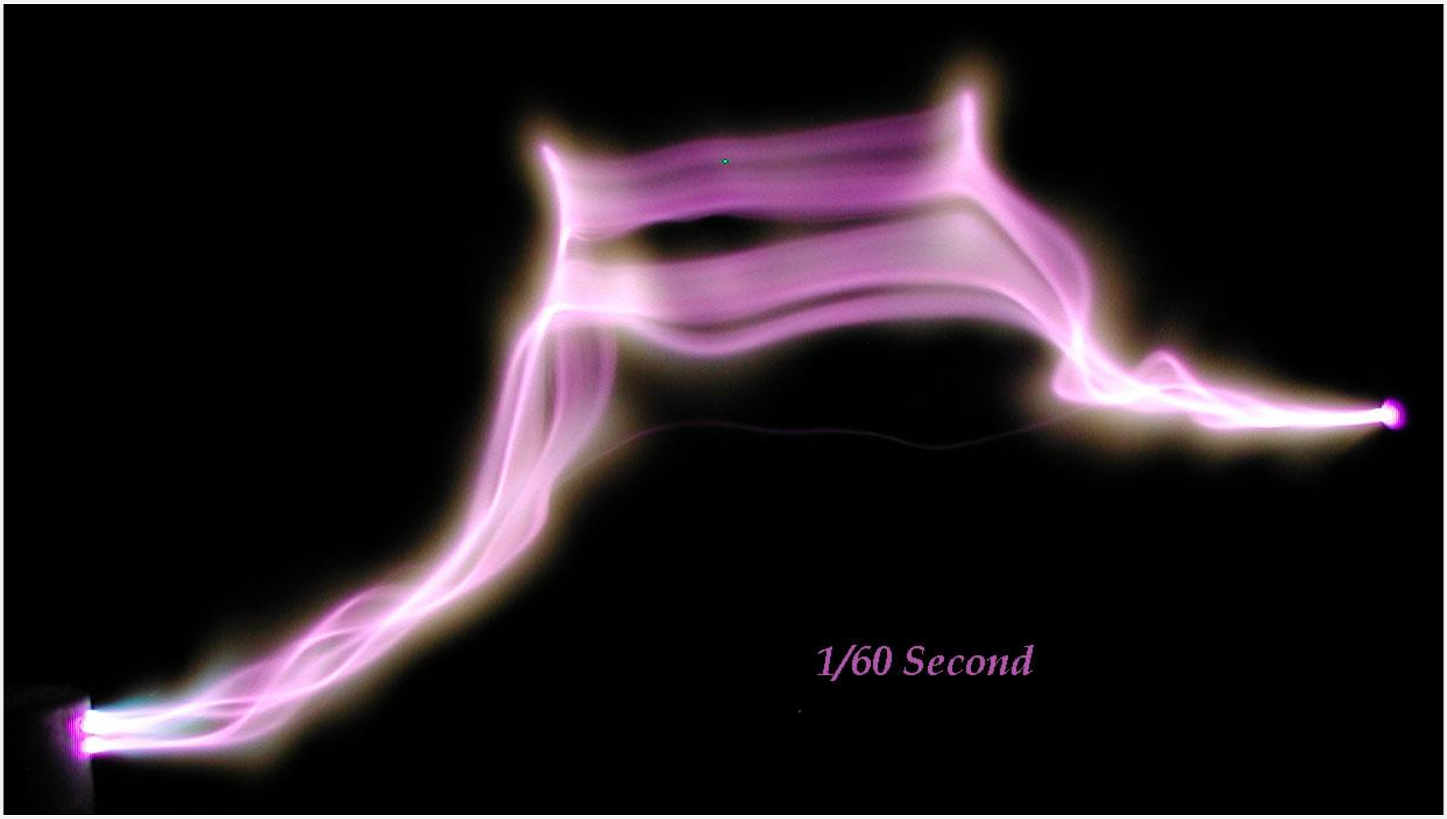

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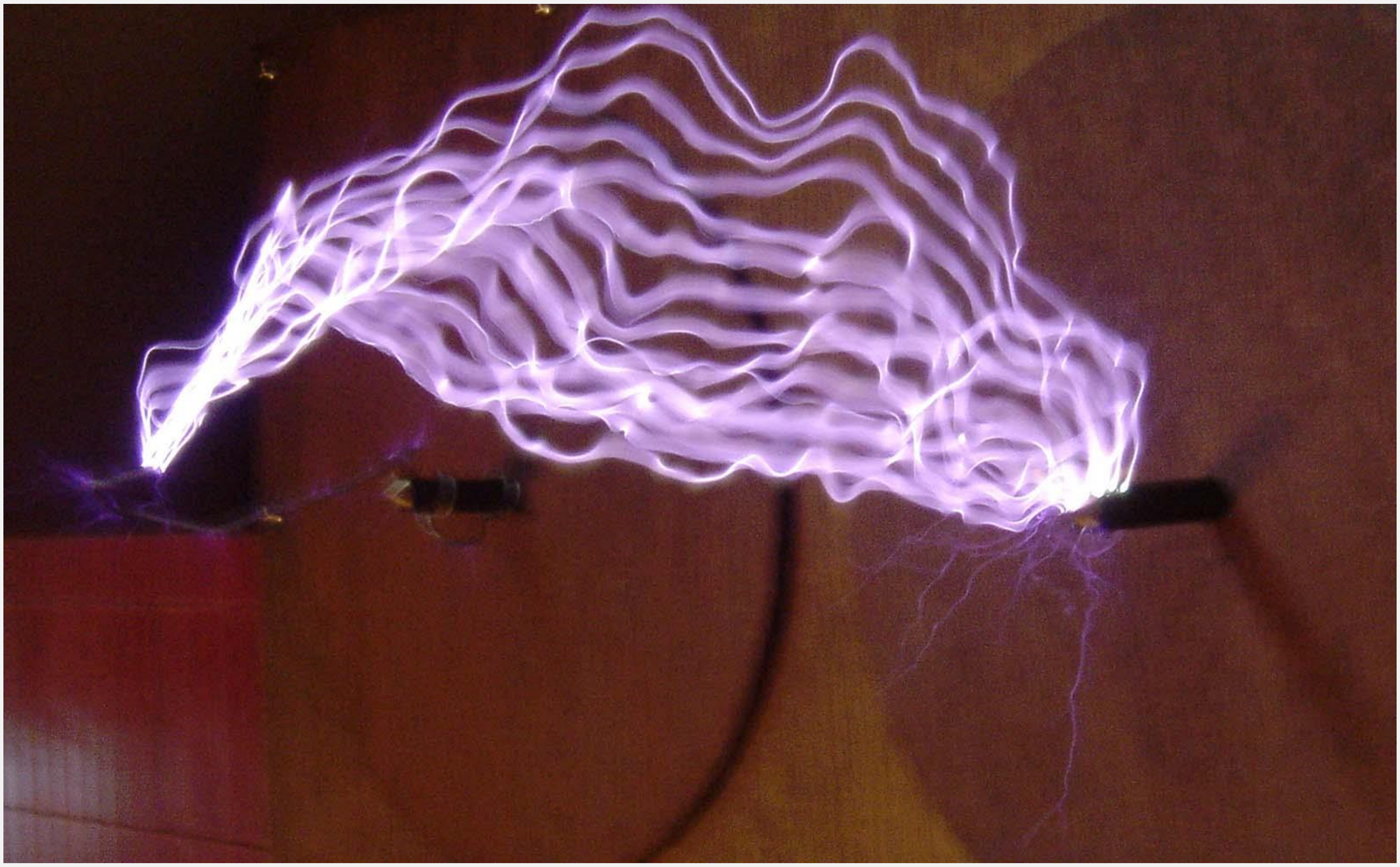

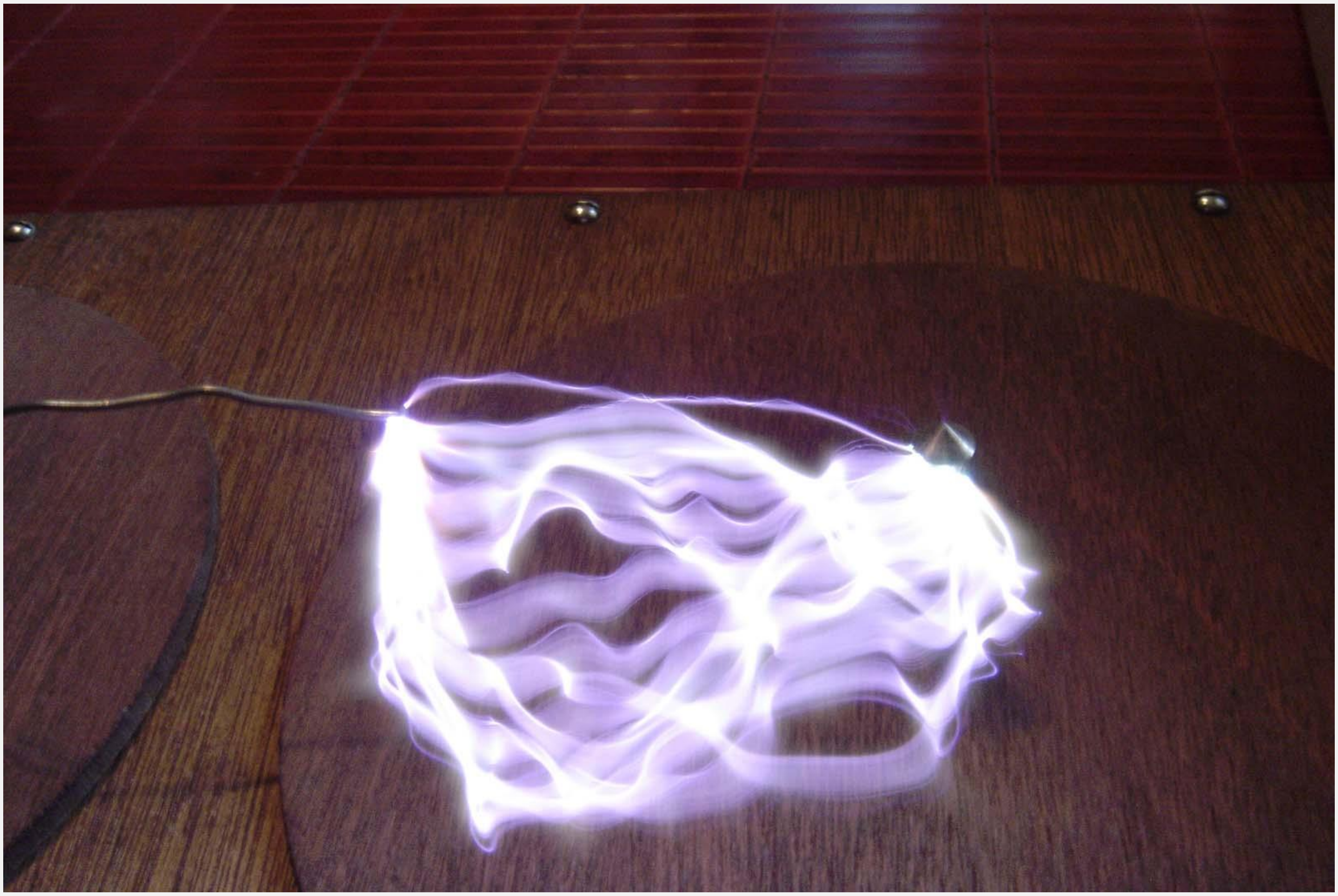

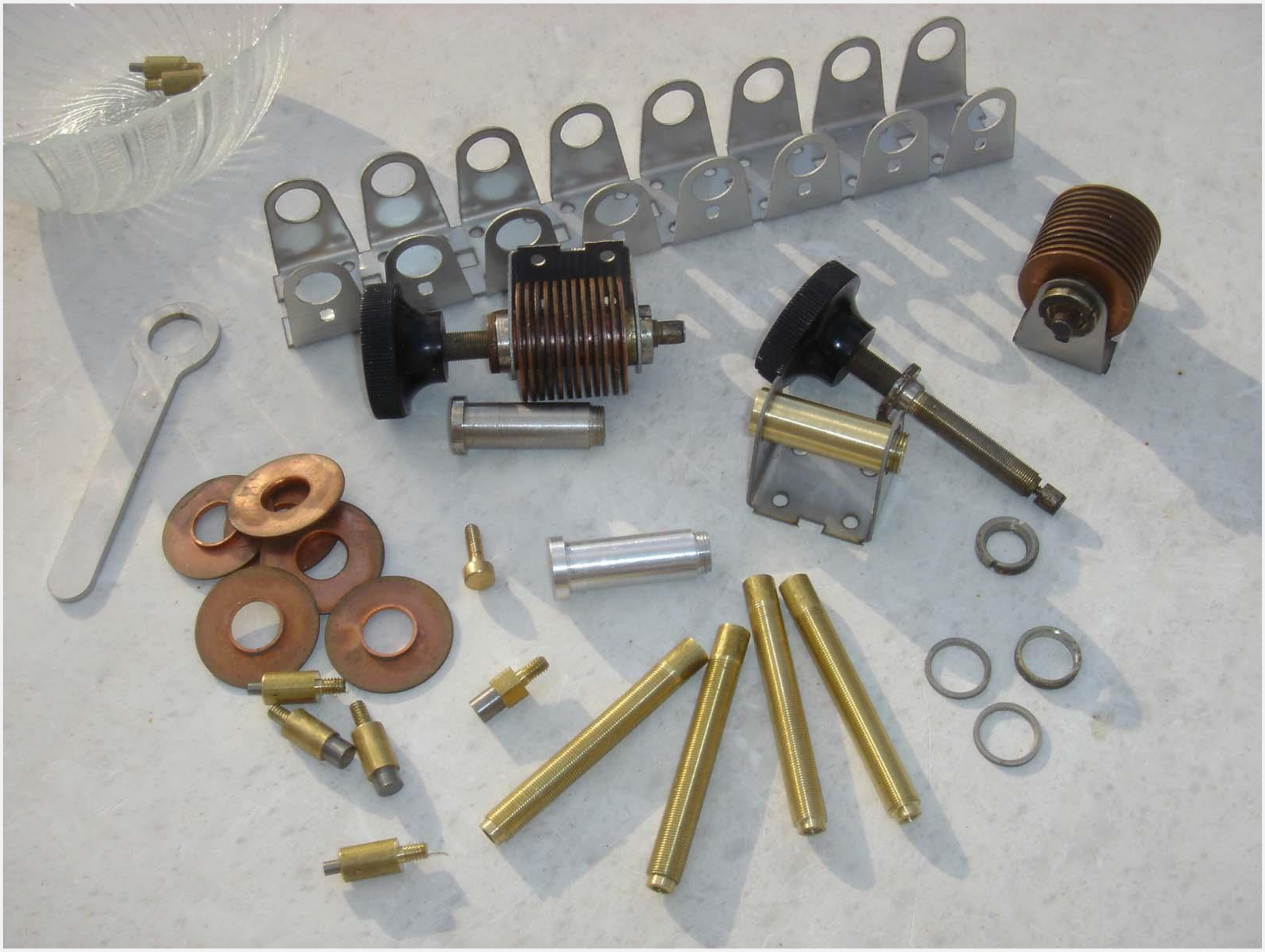

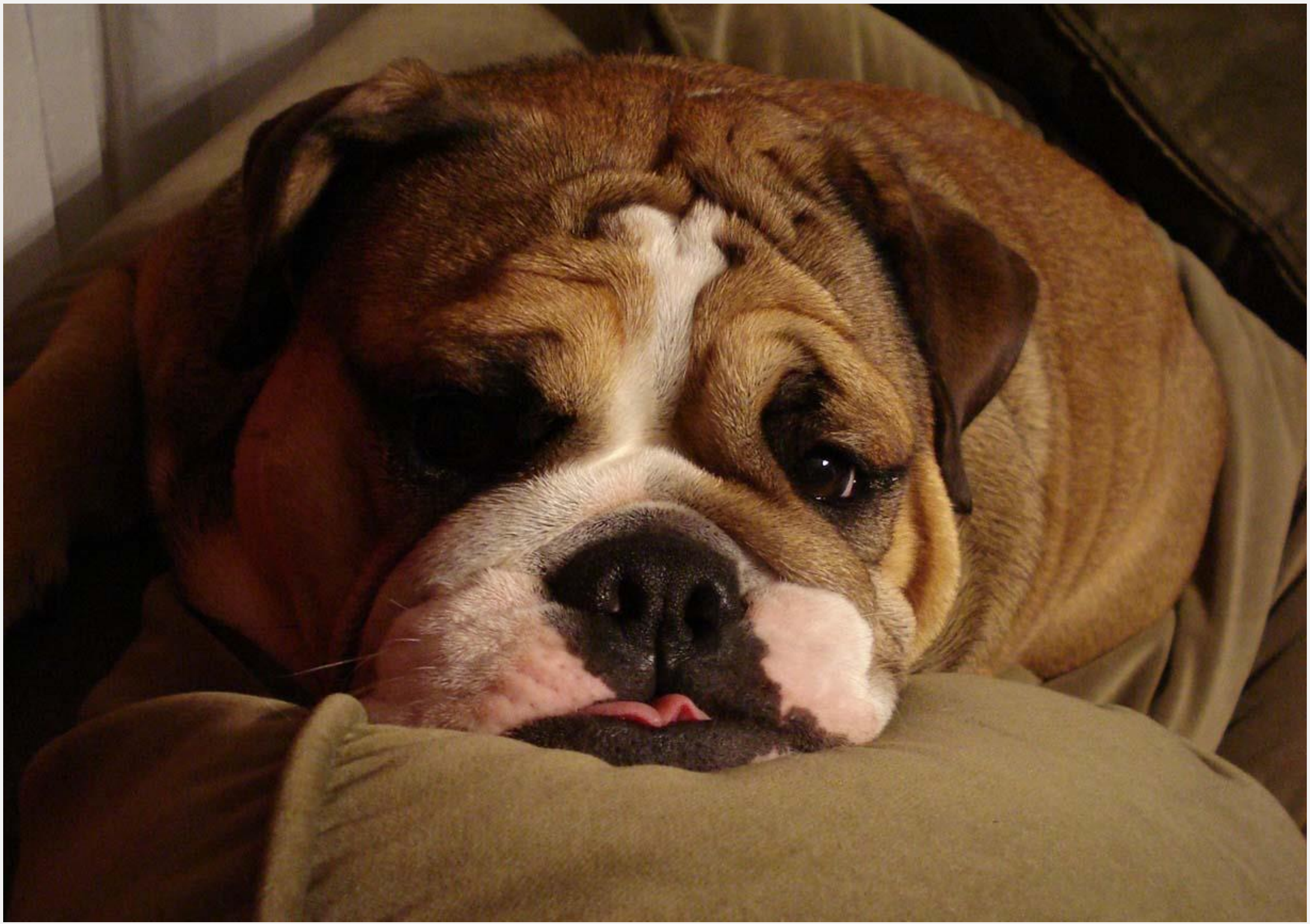

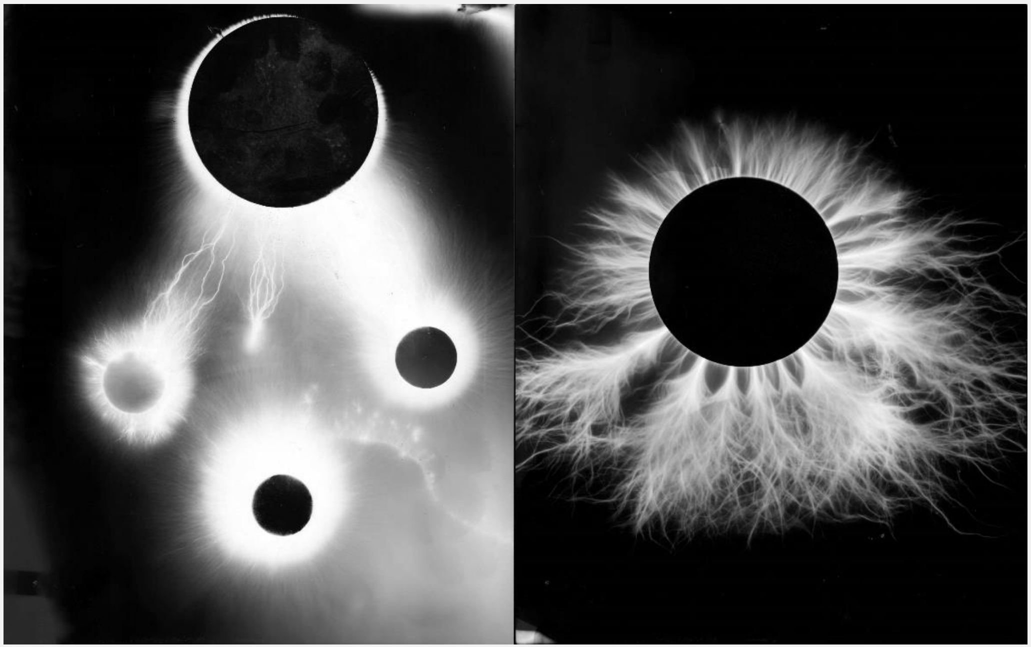

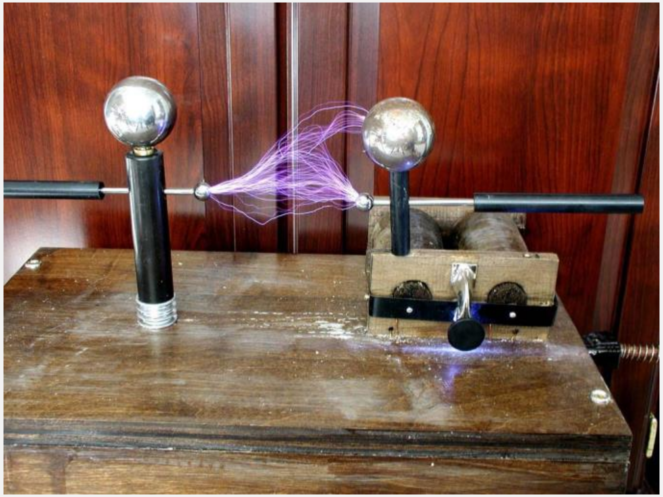

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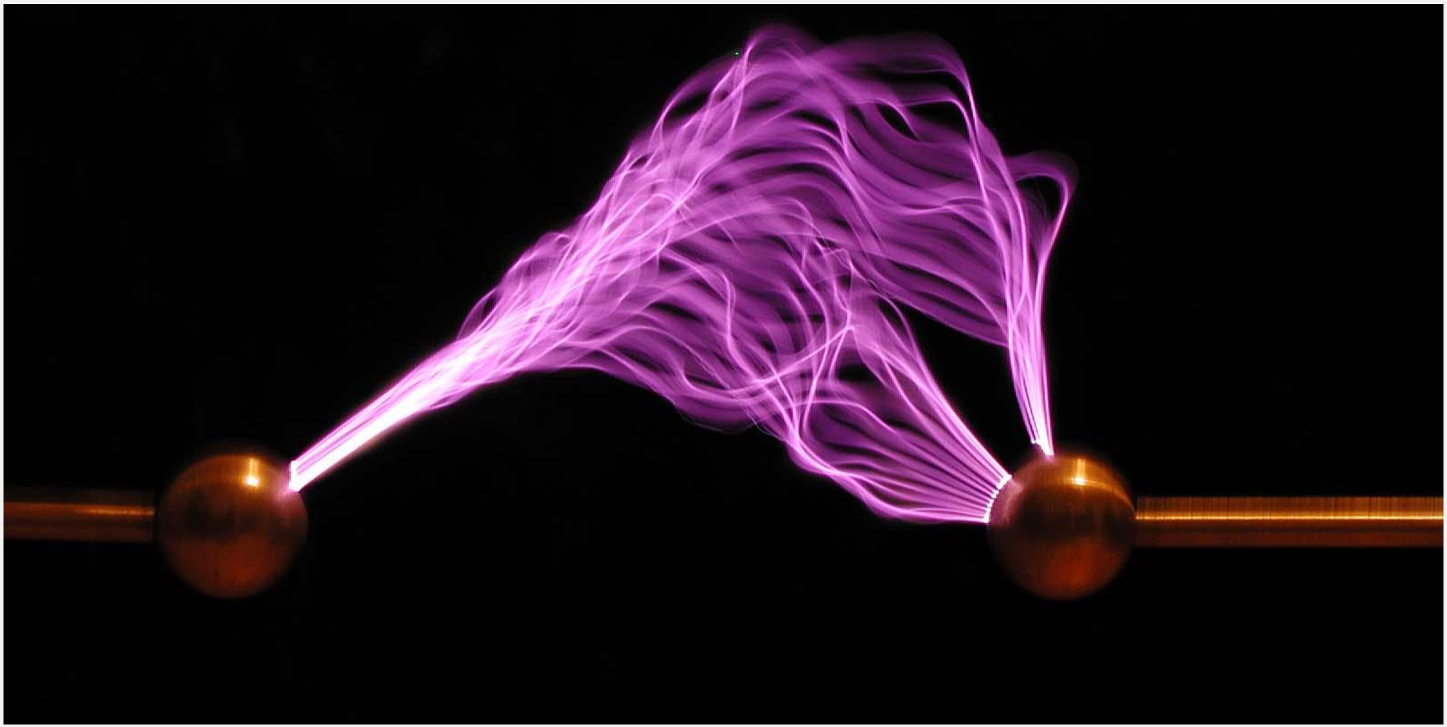

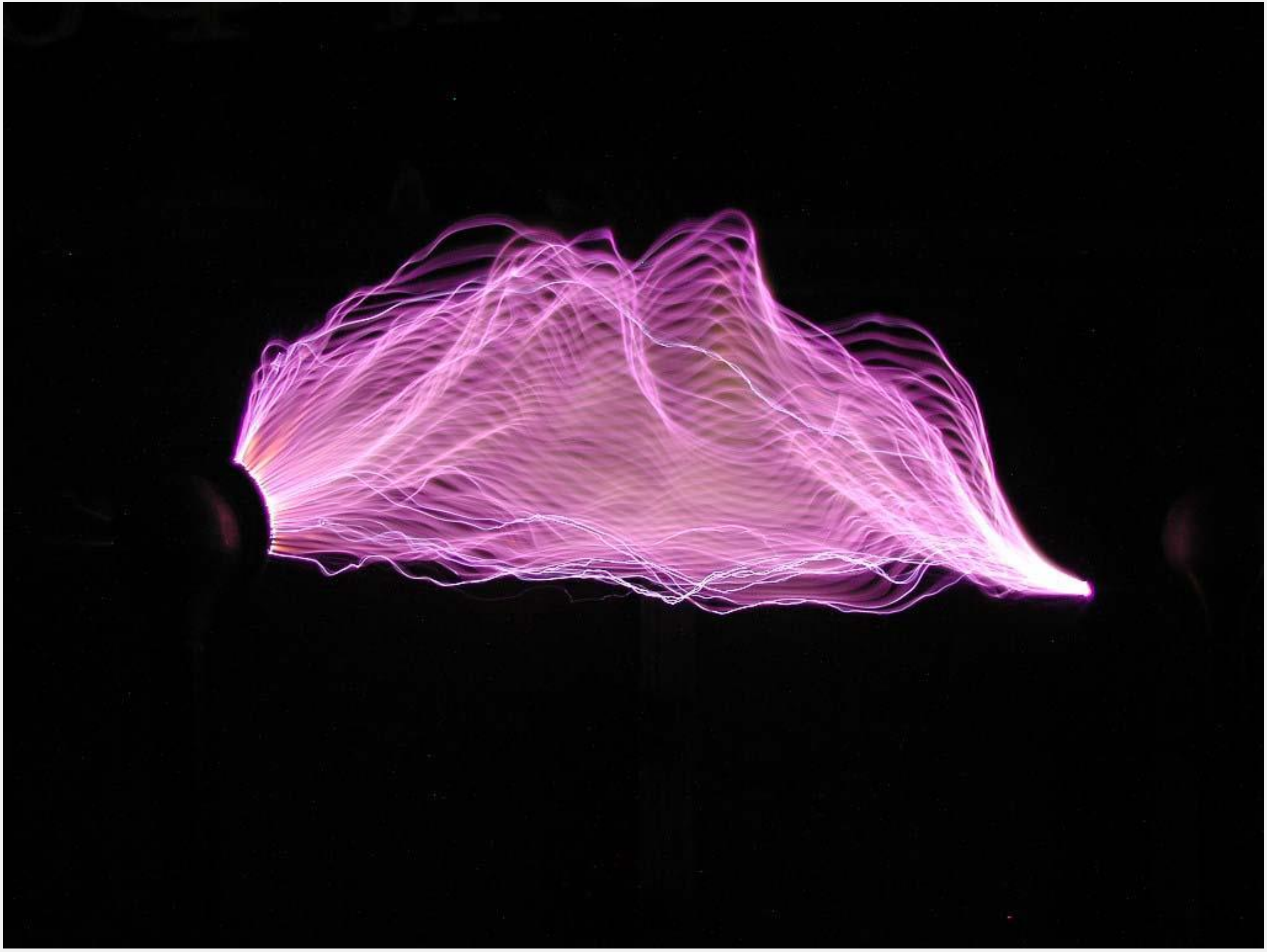

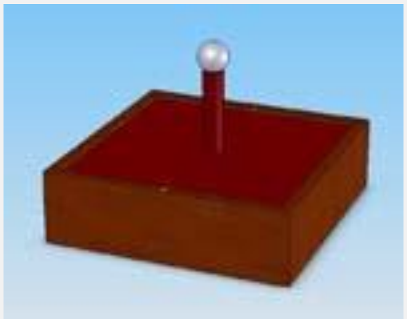

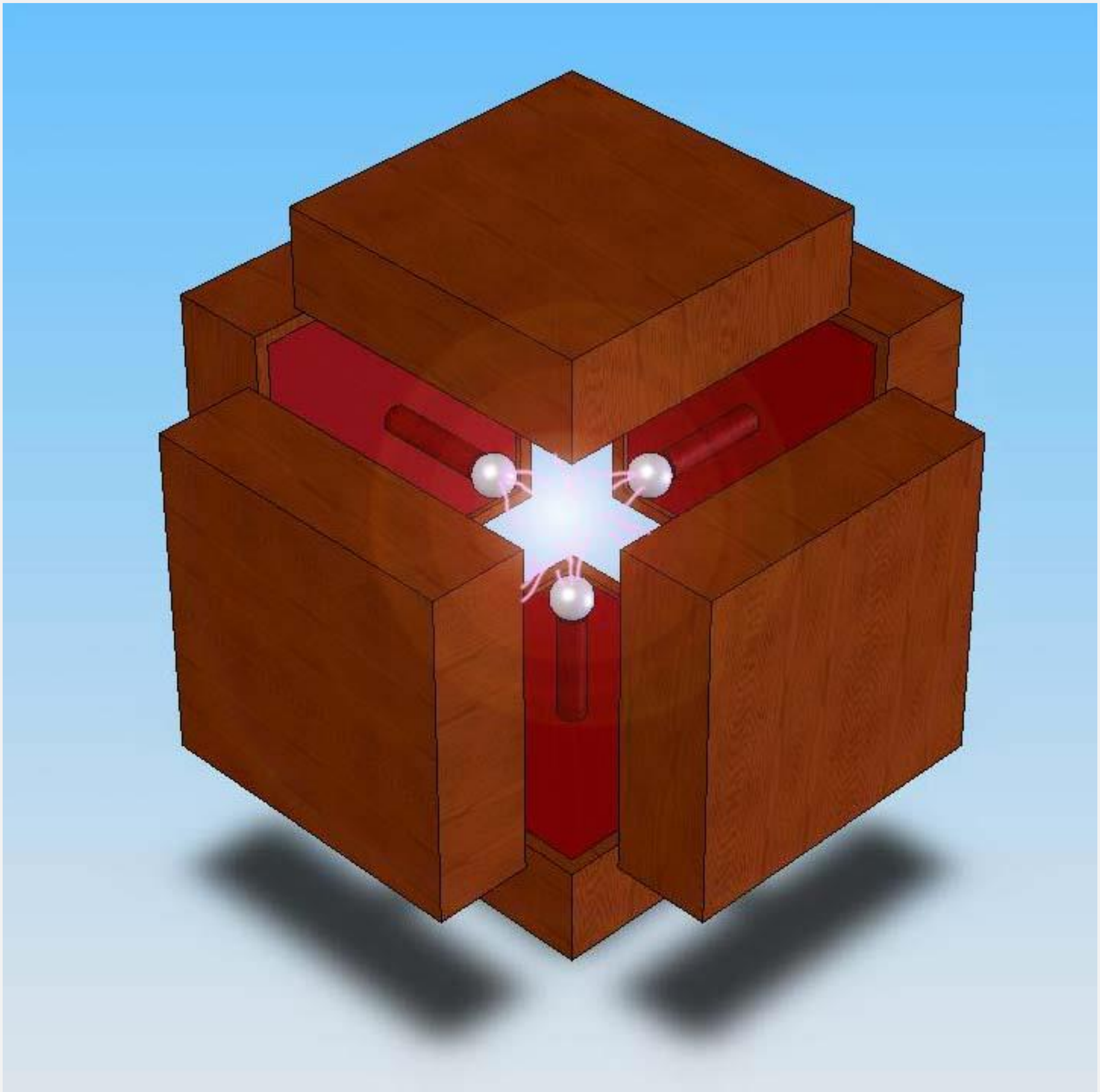

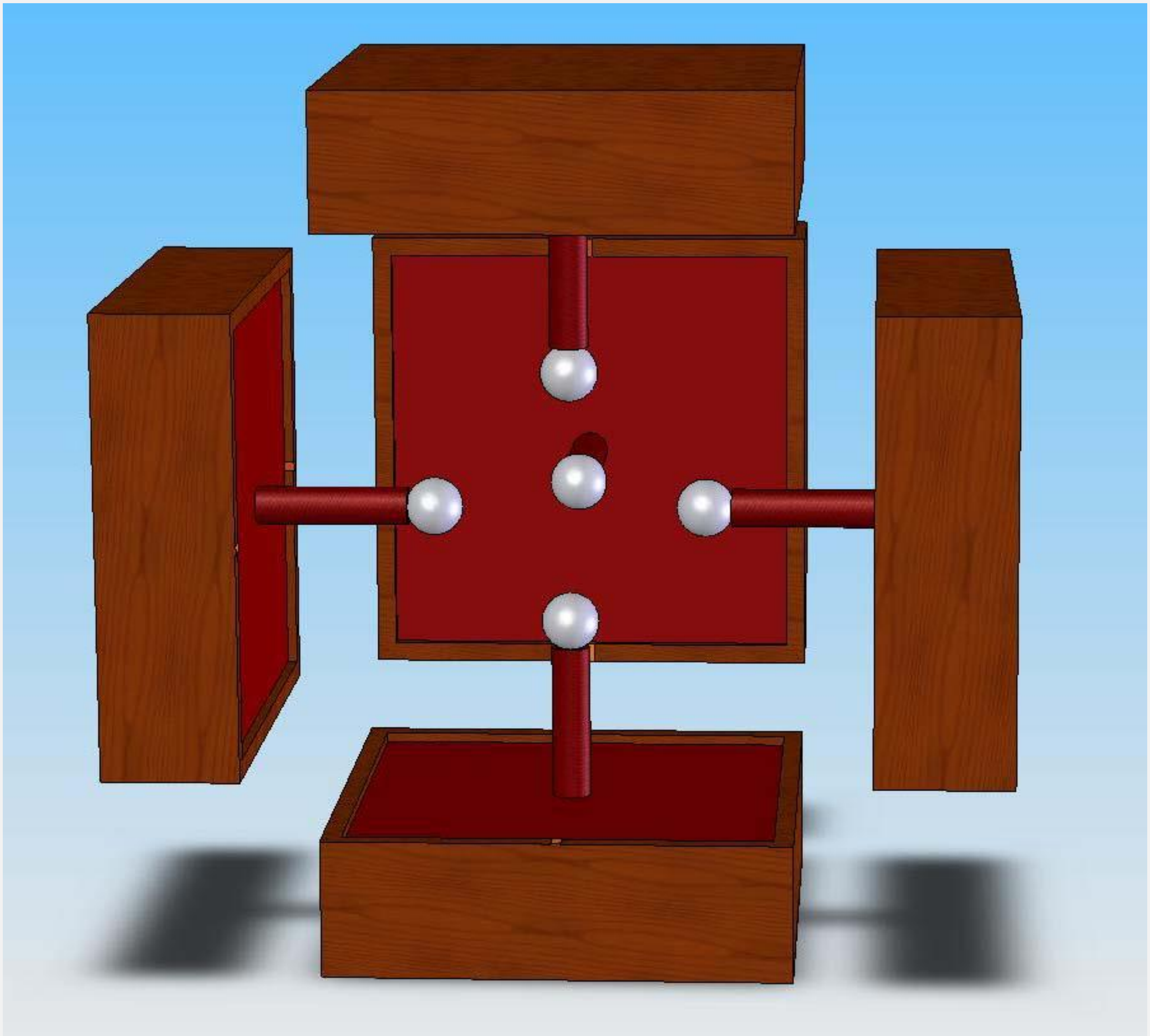

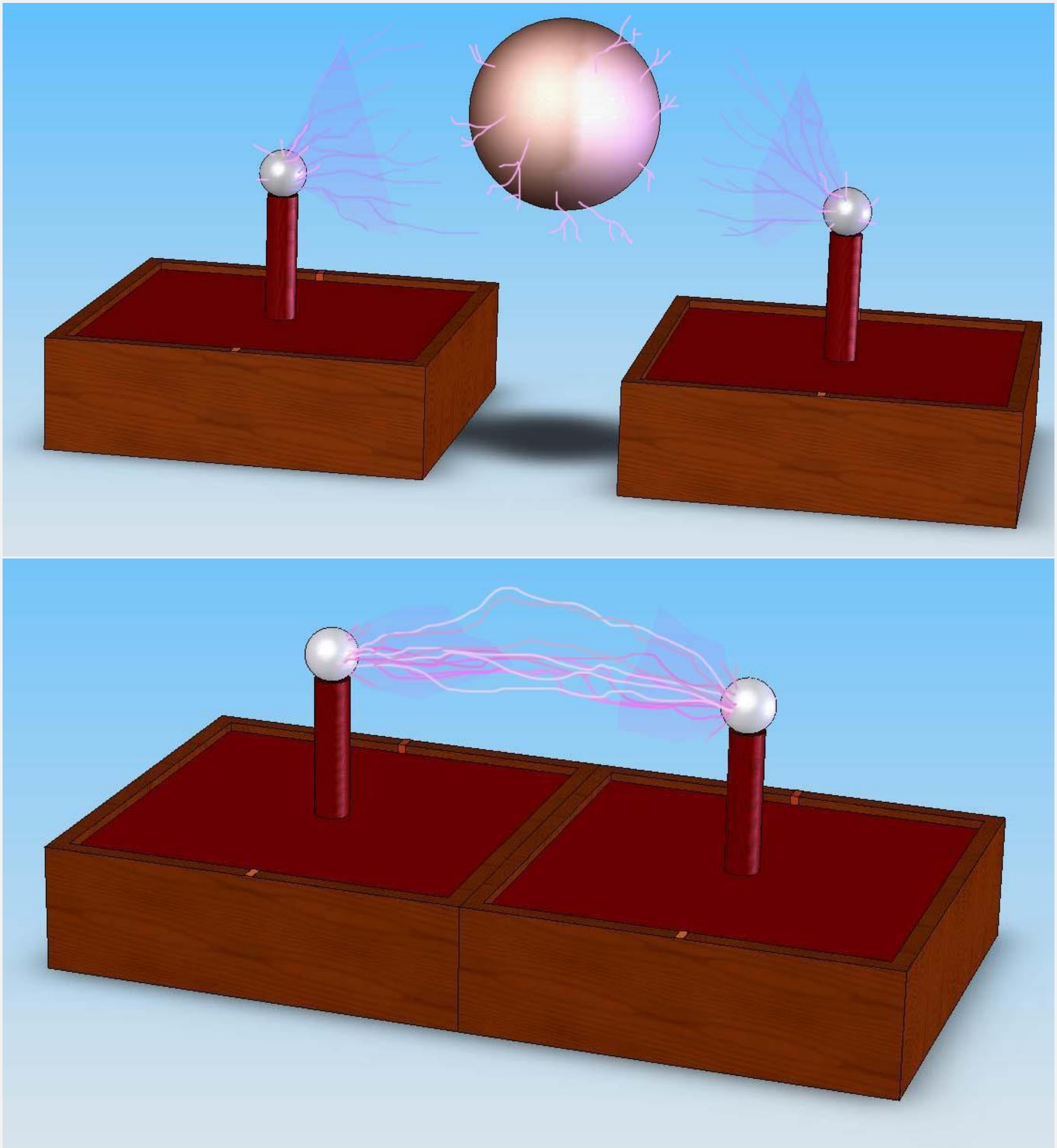

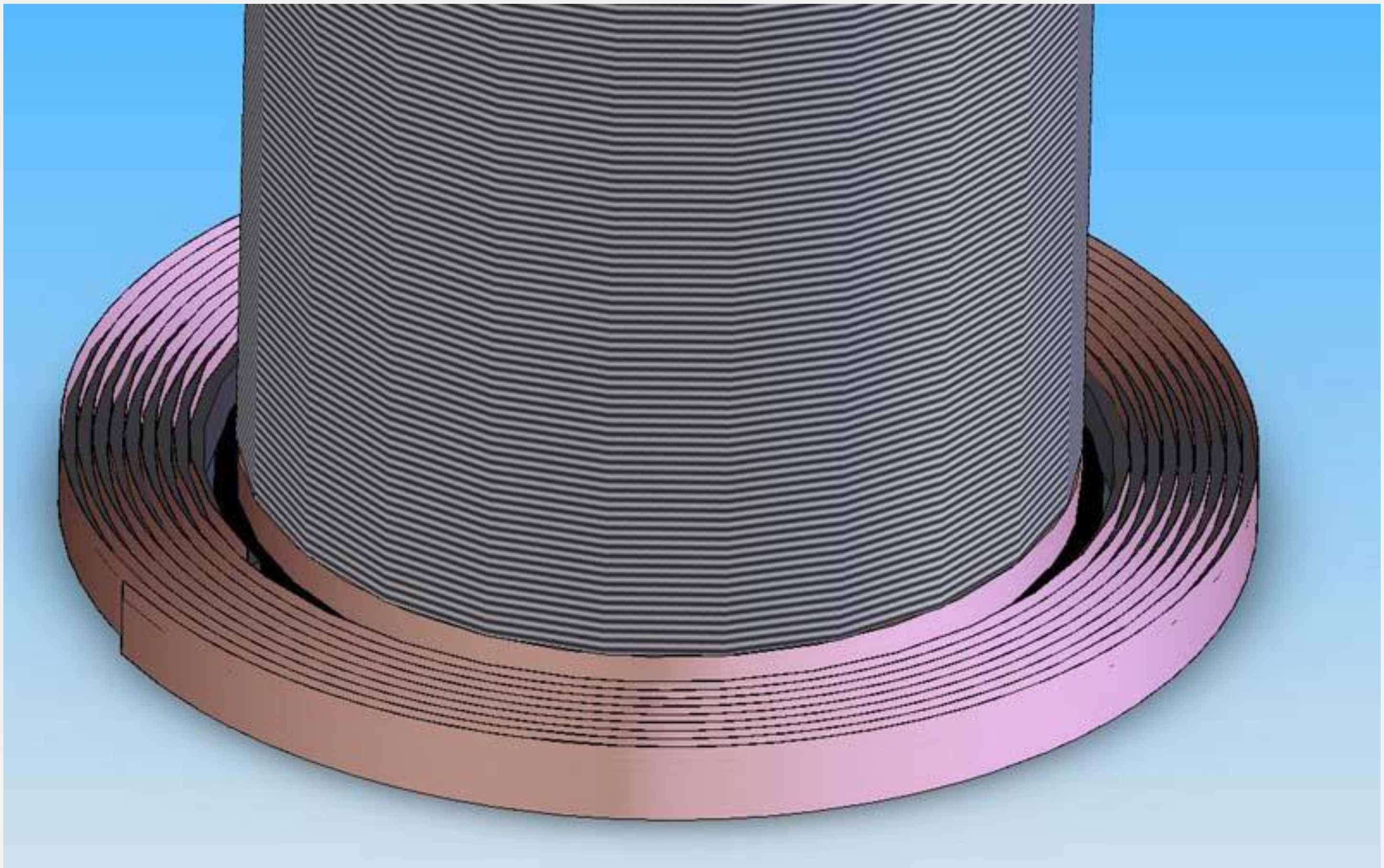

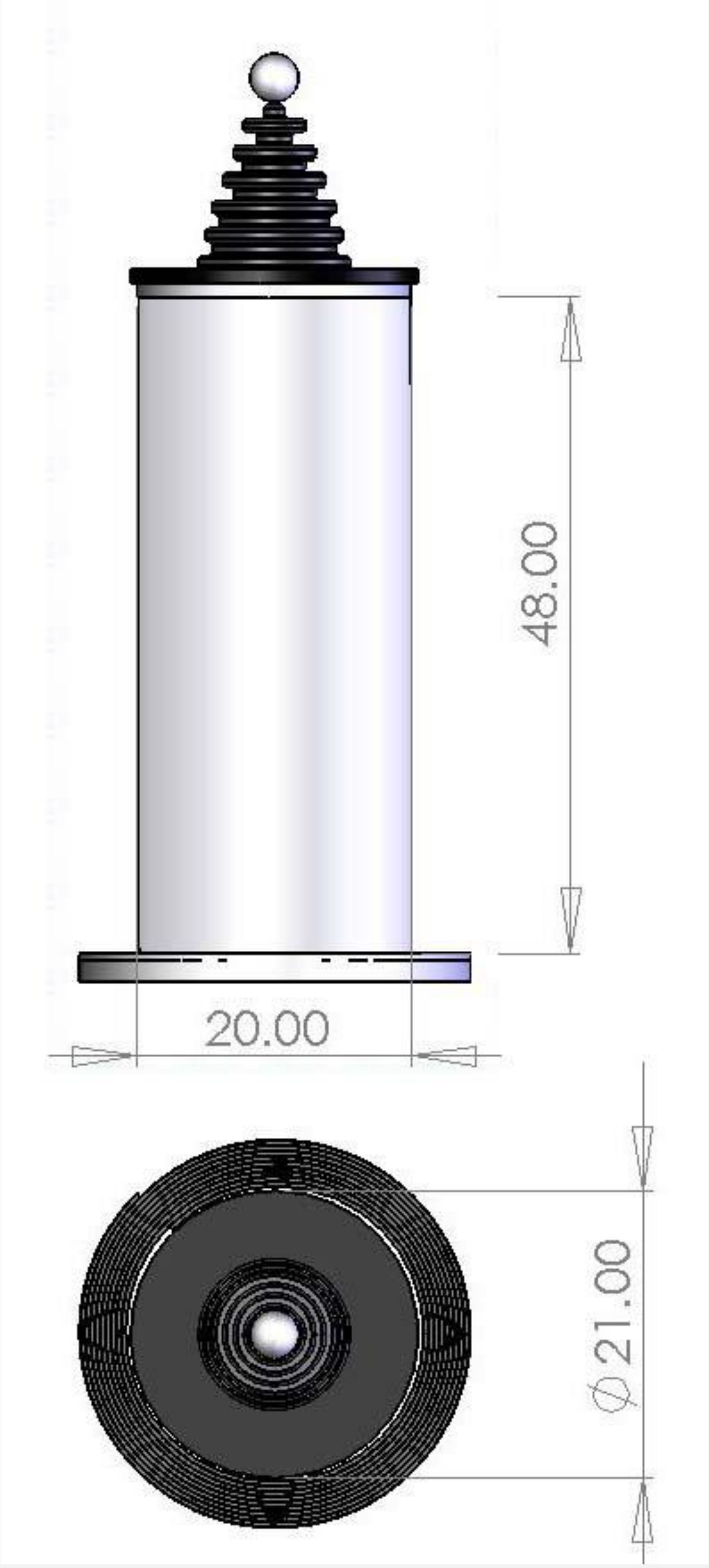
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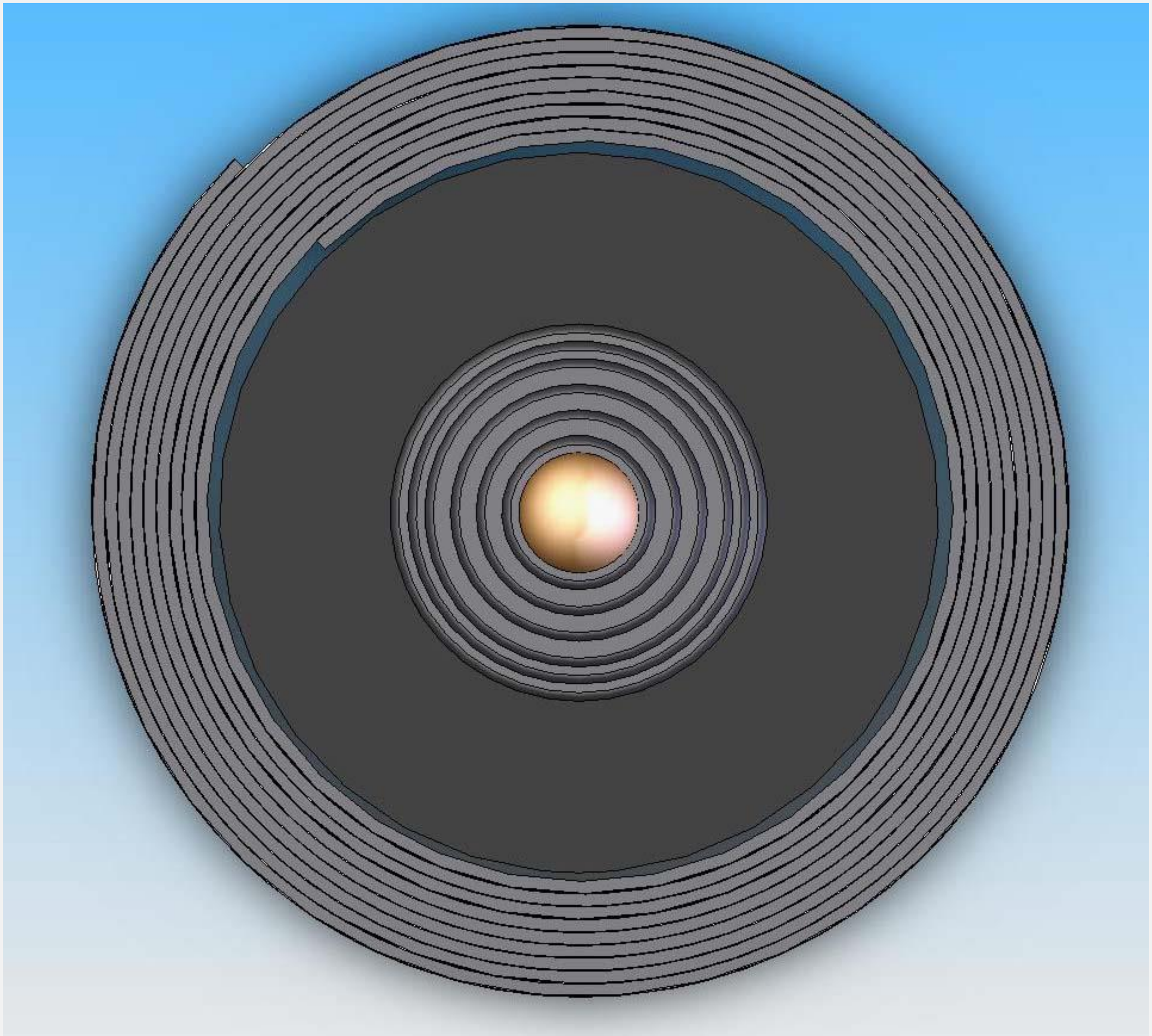
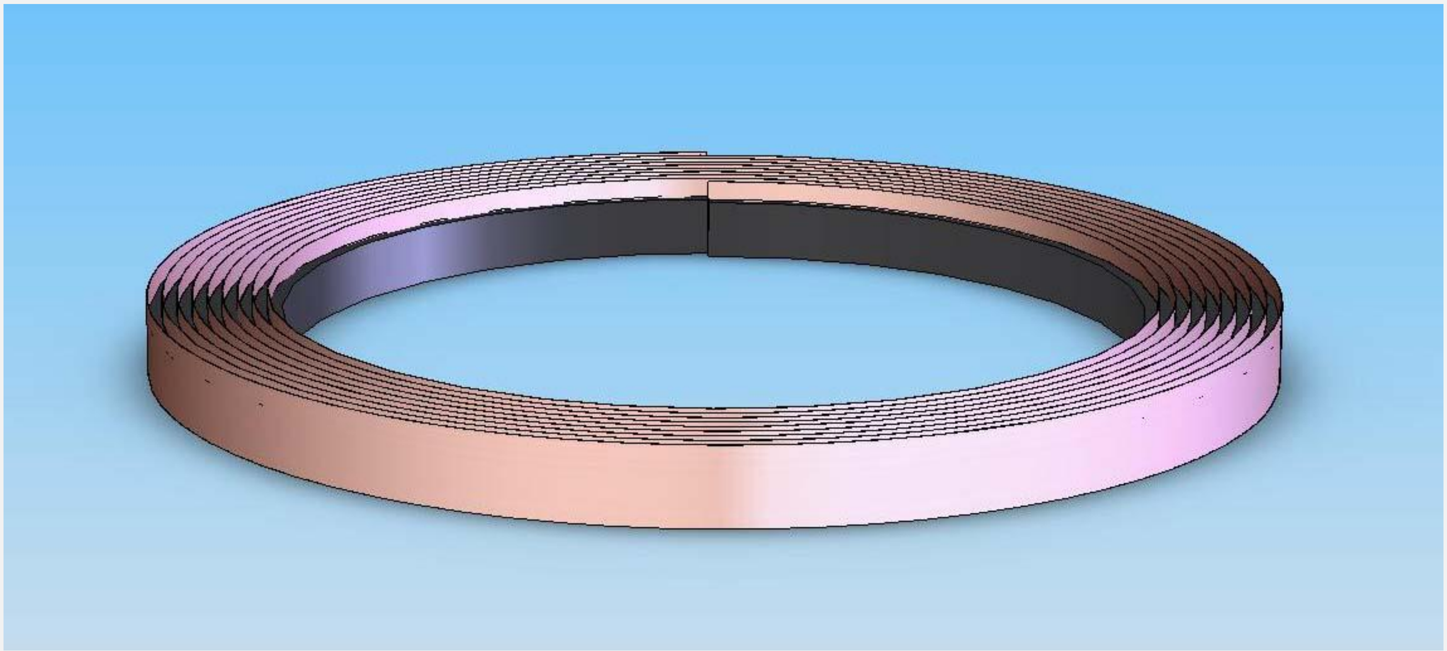
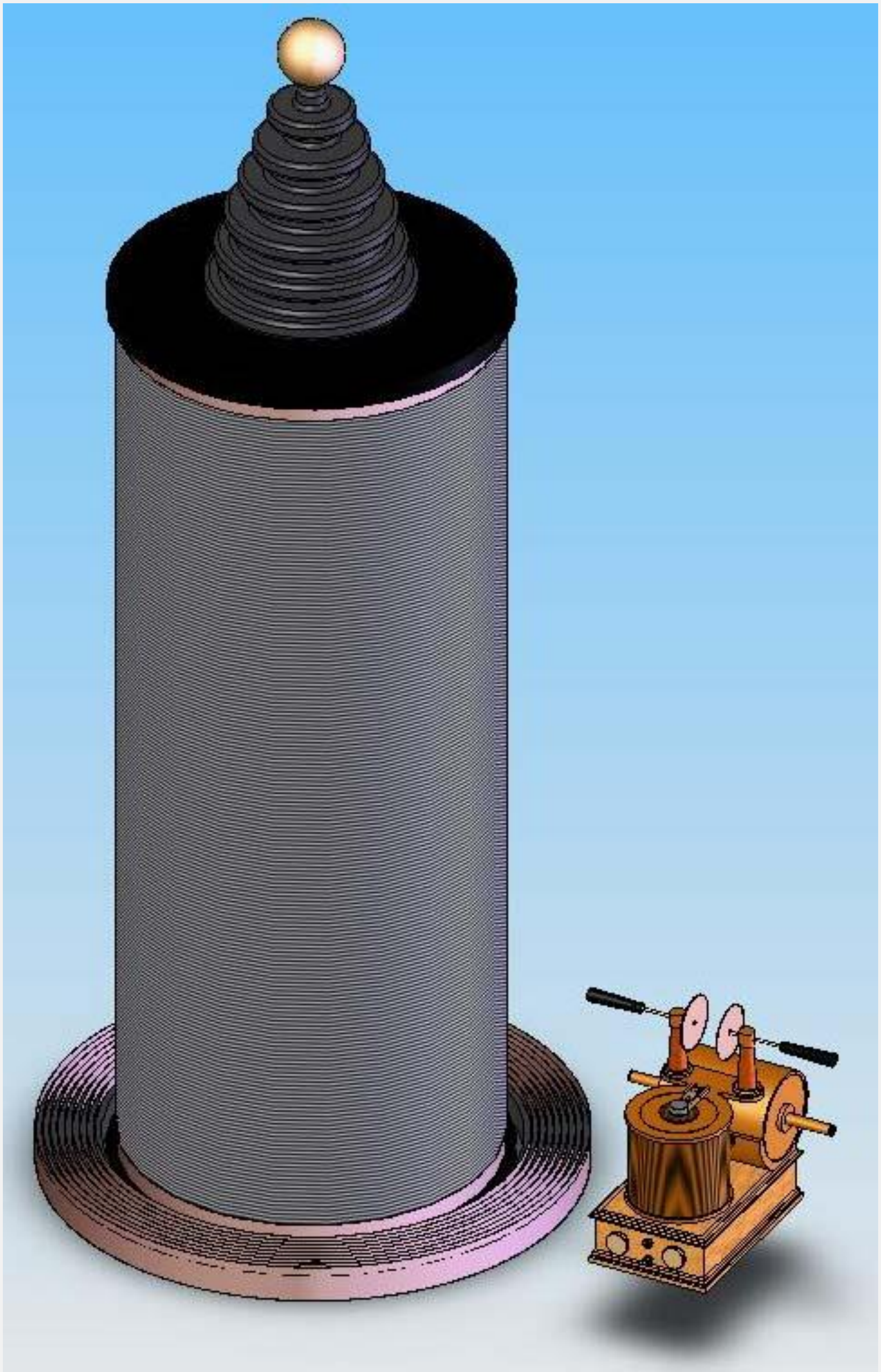
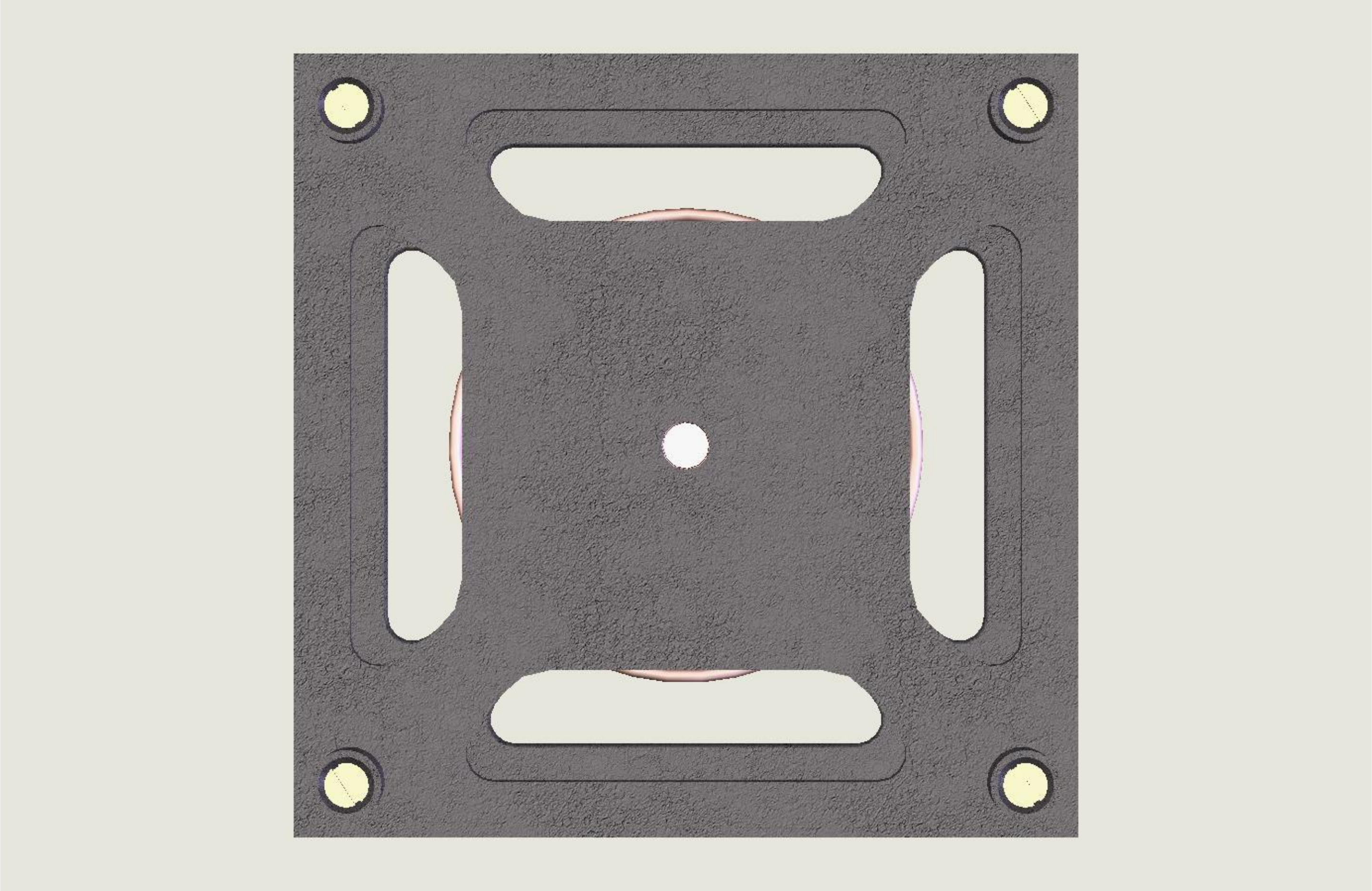
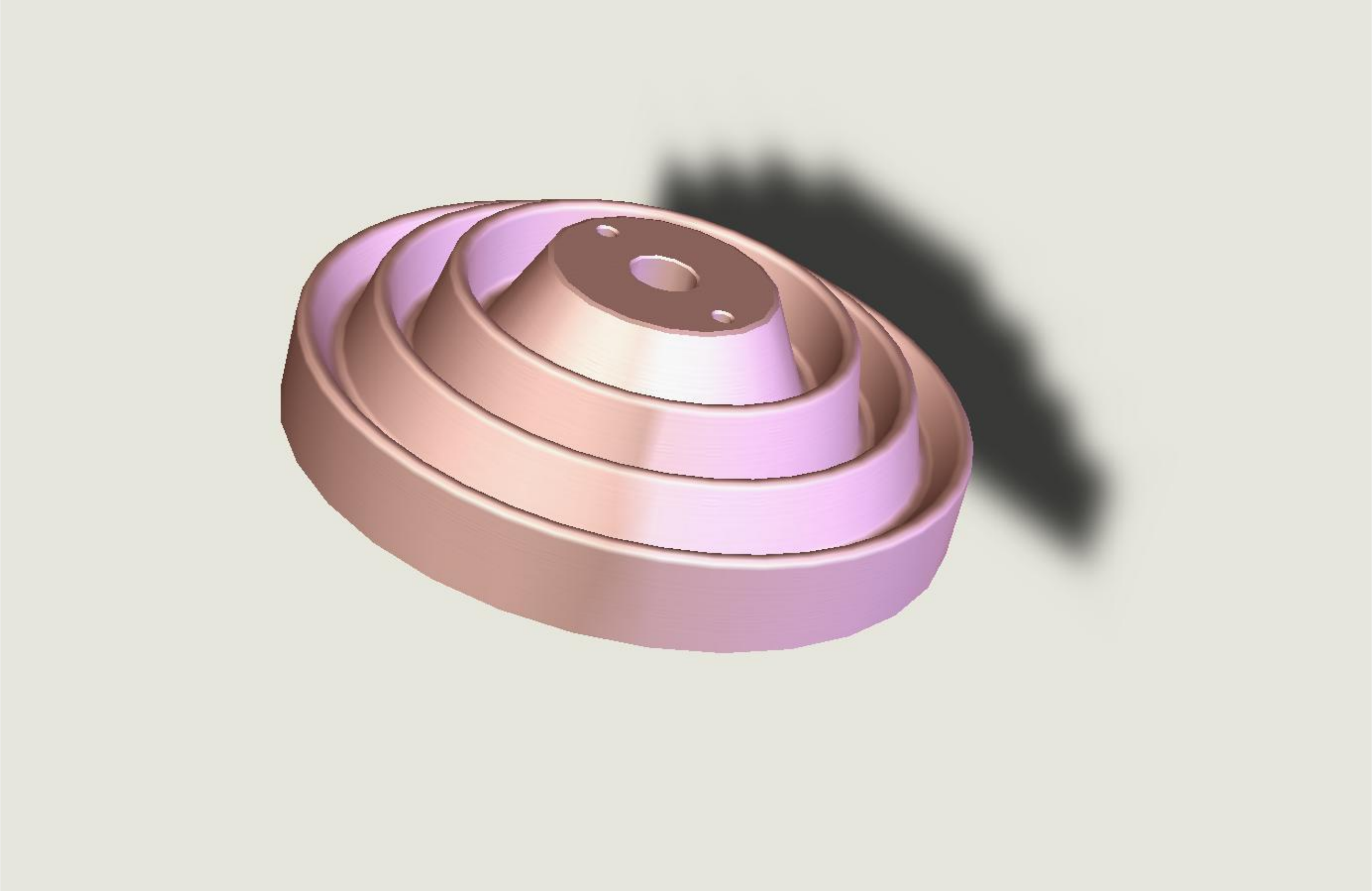


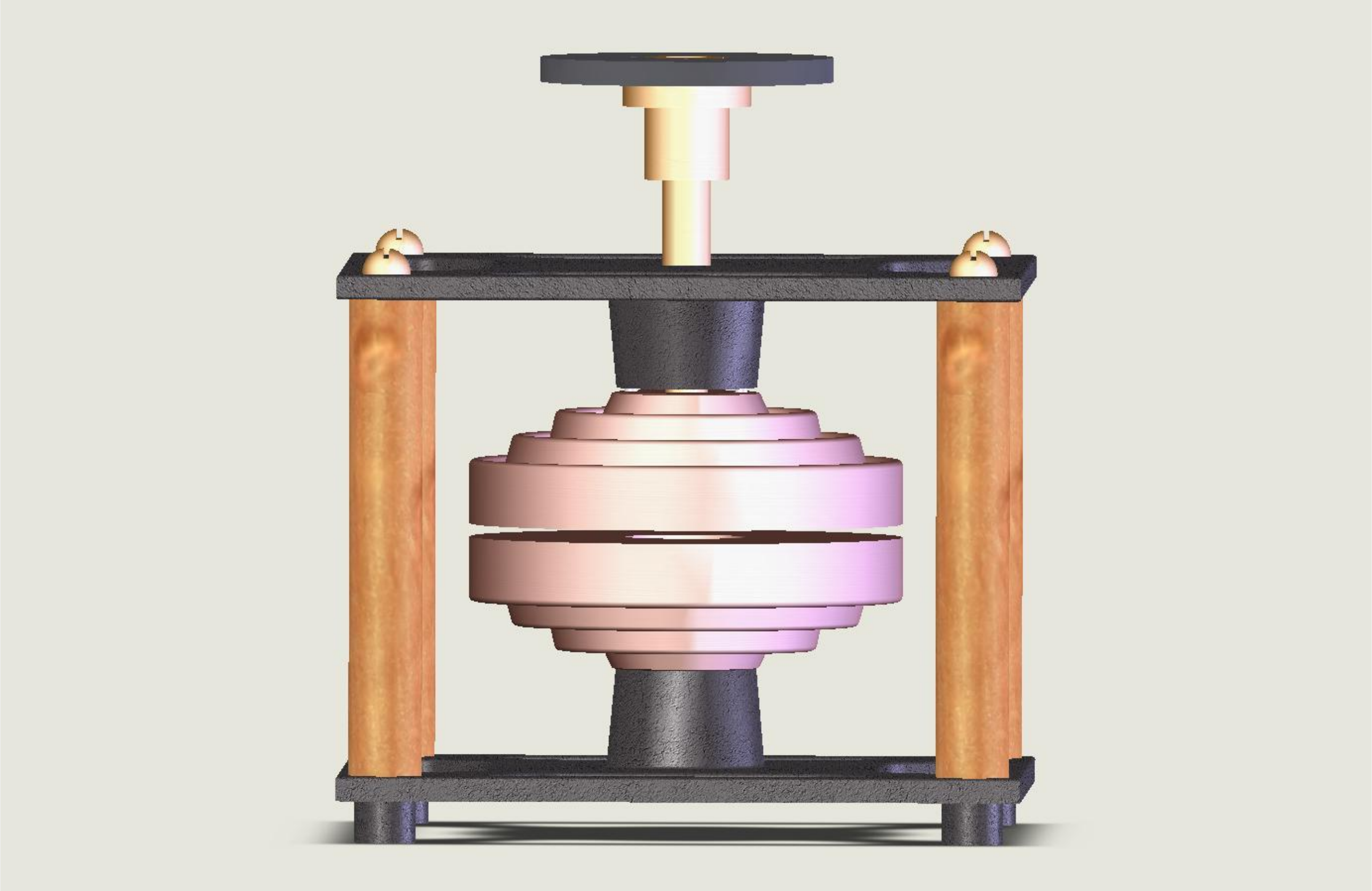


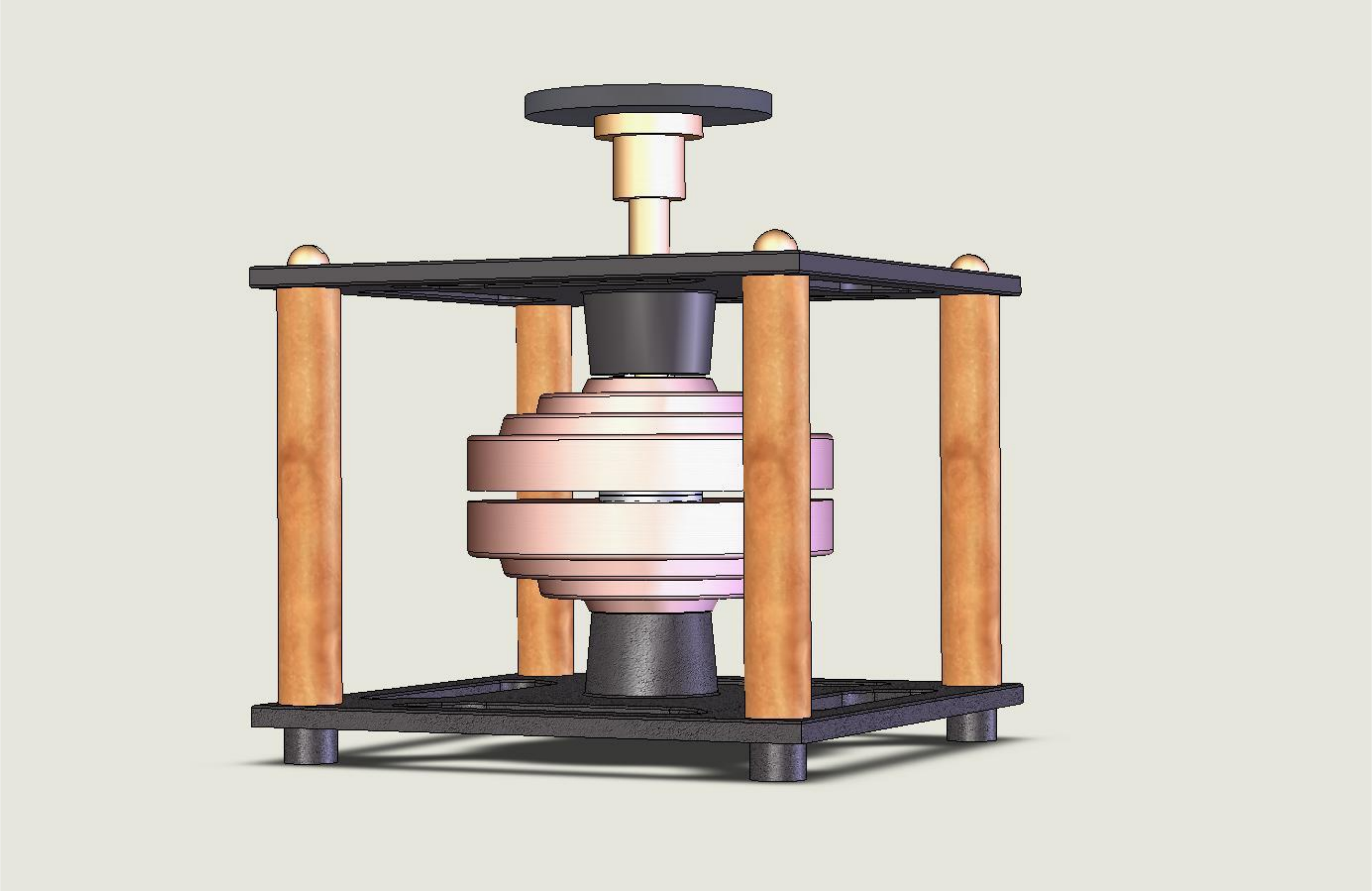


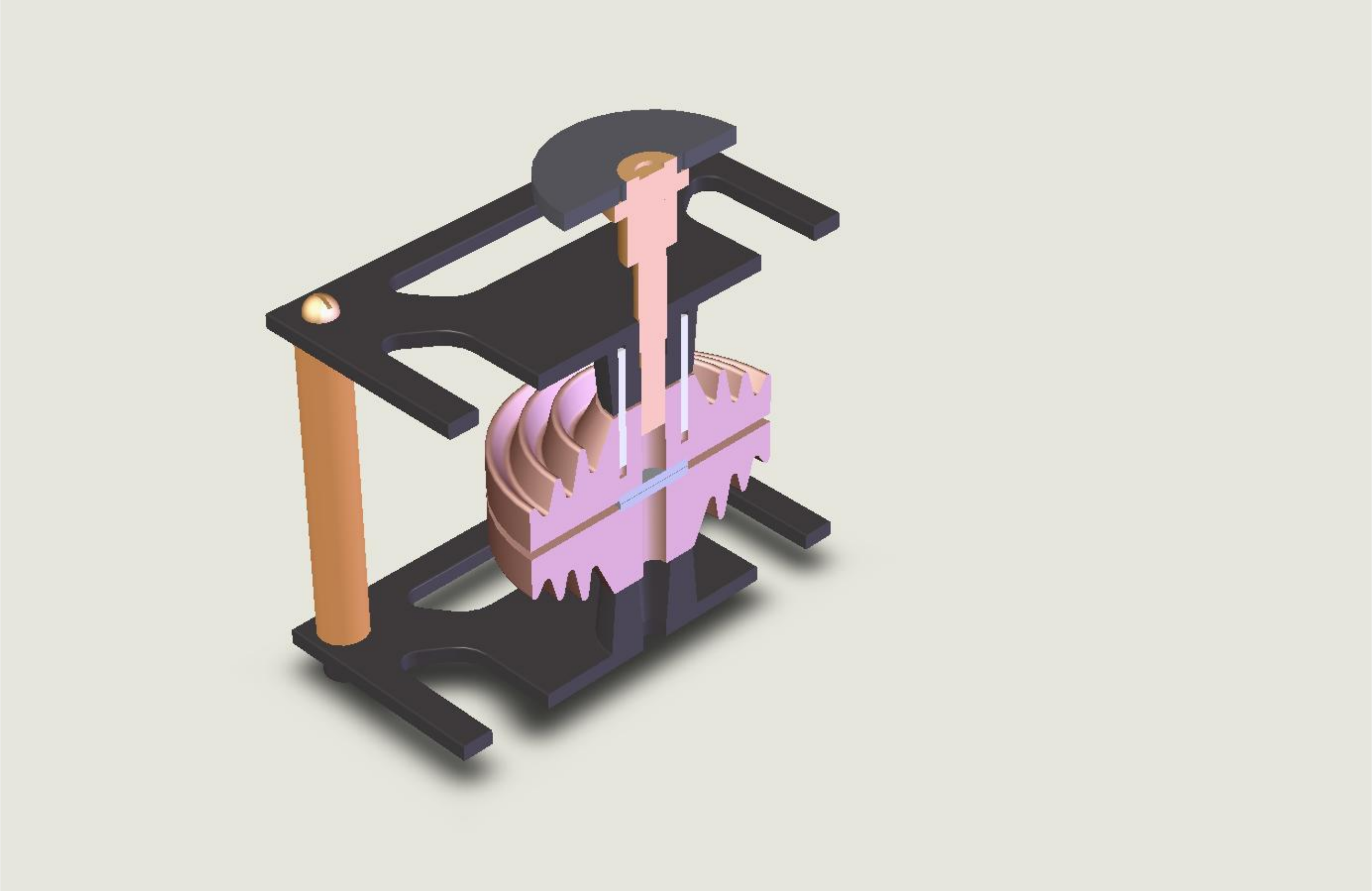
Thomas Stanley Curtis Stage Tesla Oudin Coil

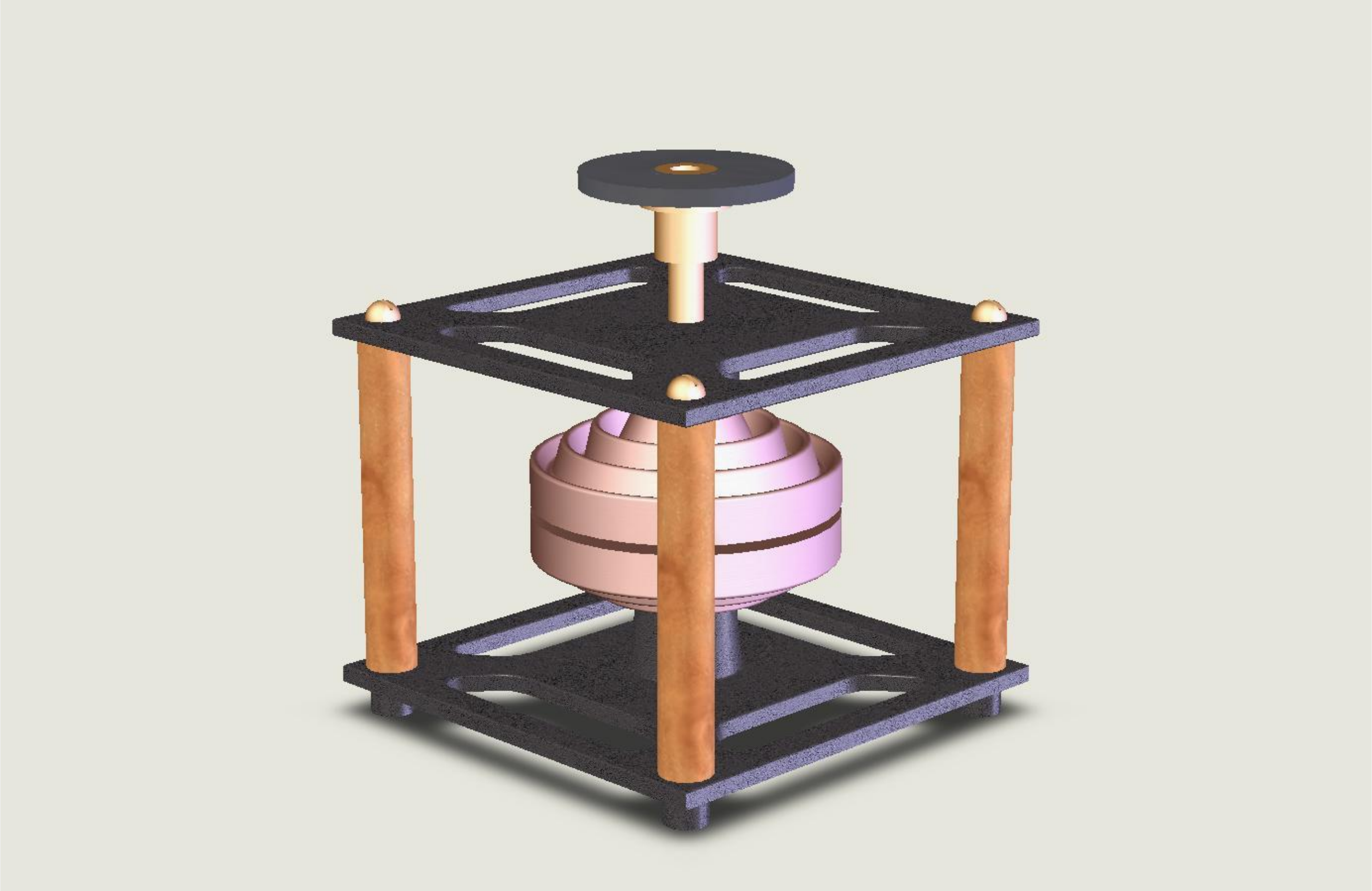


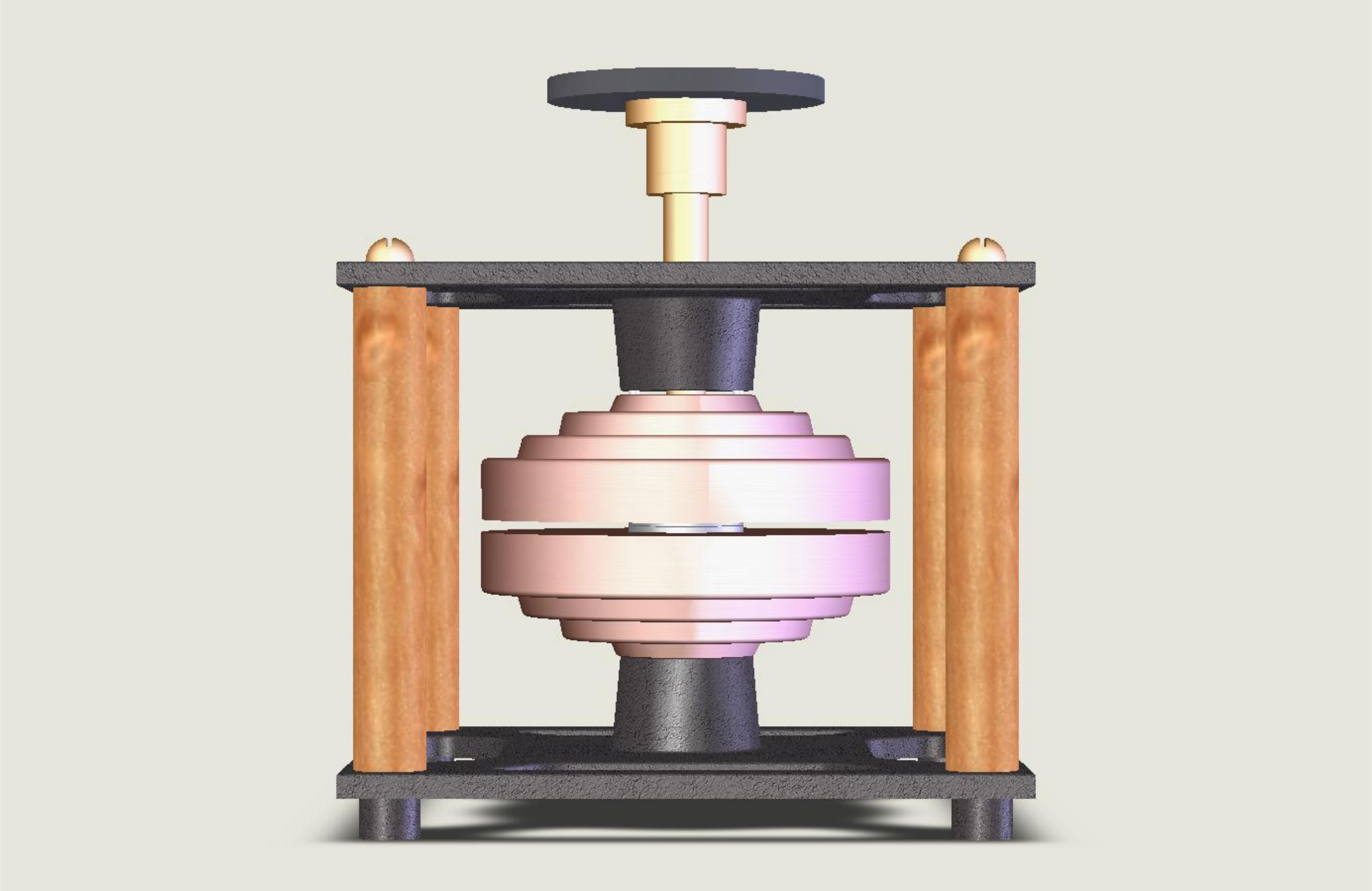


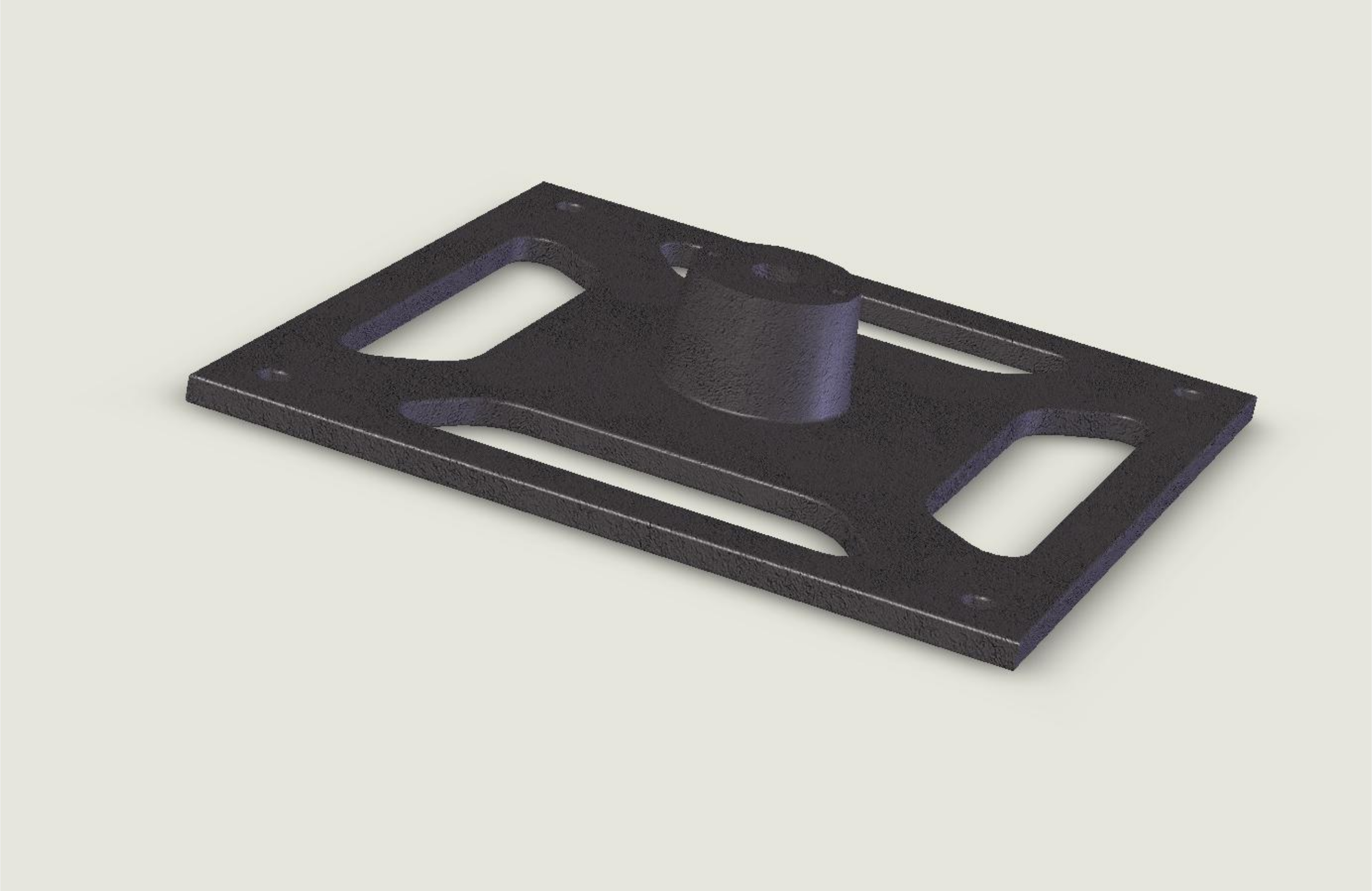


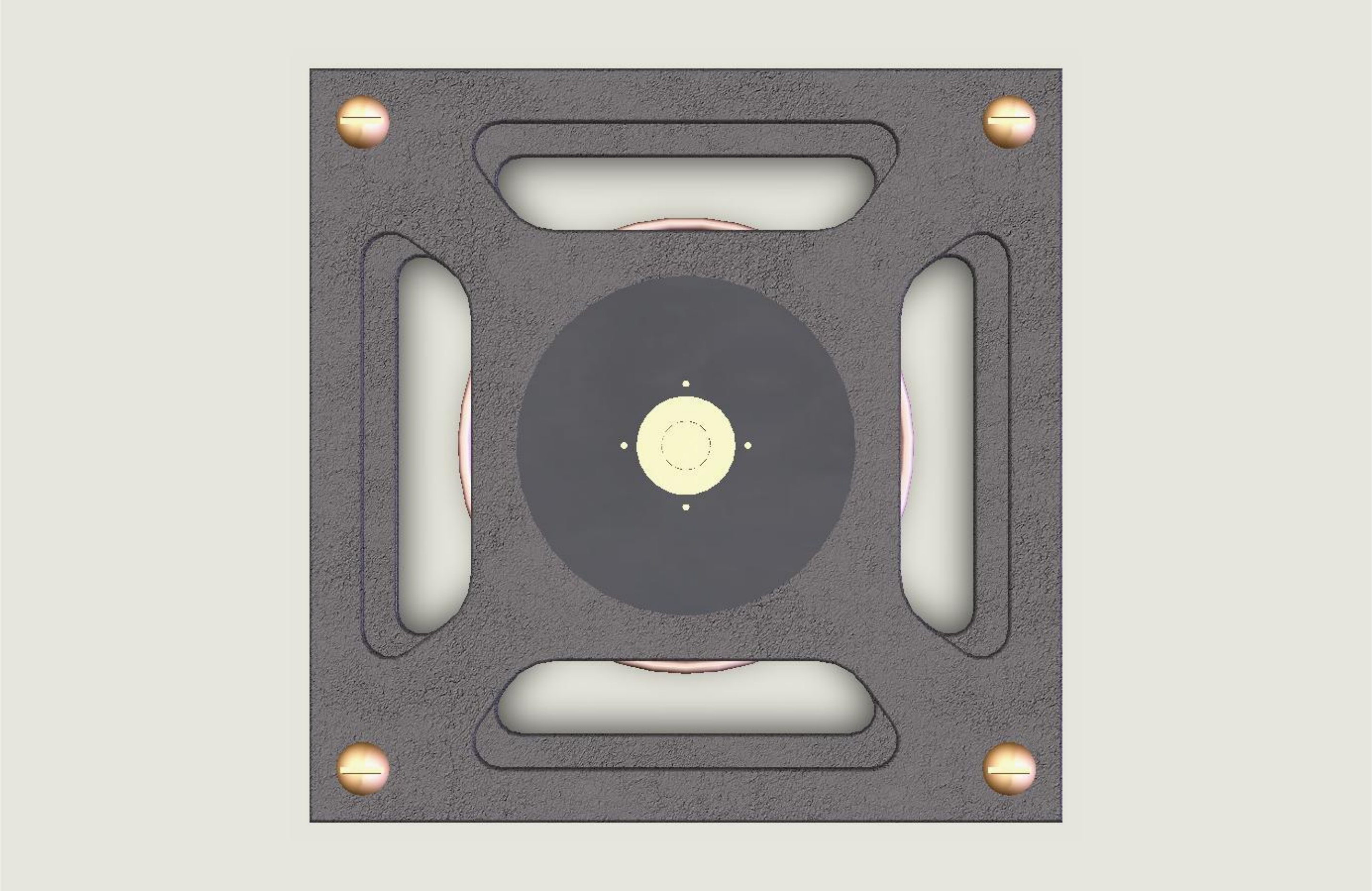


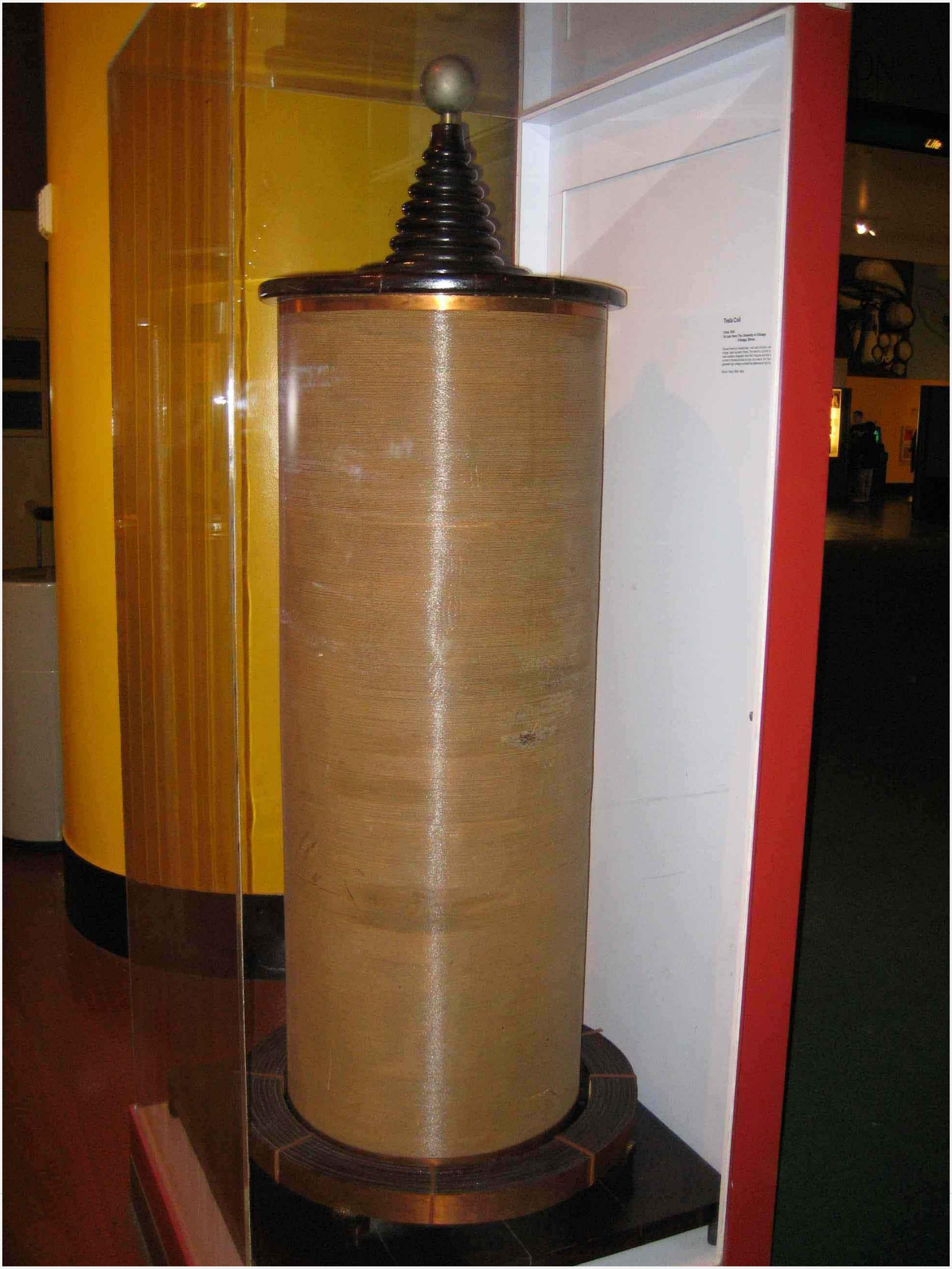











Tesla Coil
On loan from The University of Chicago
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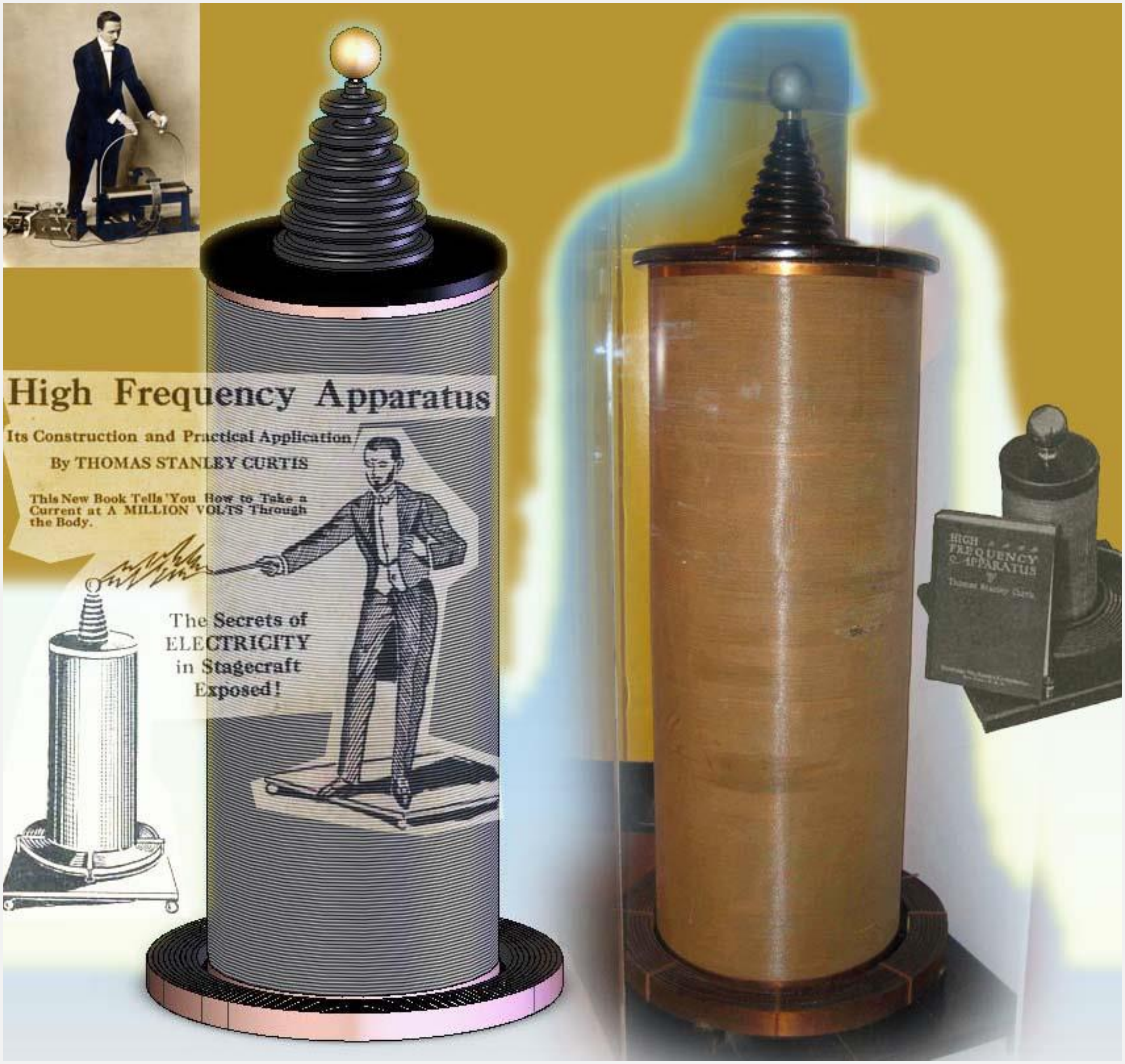
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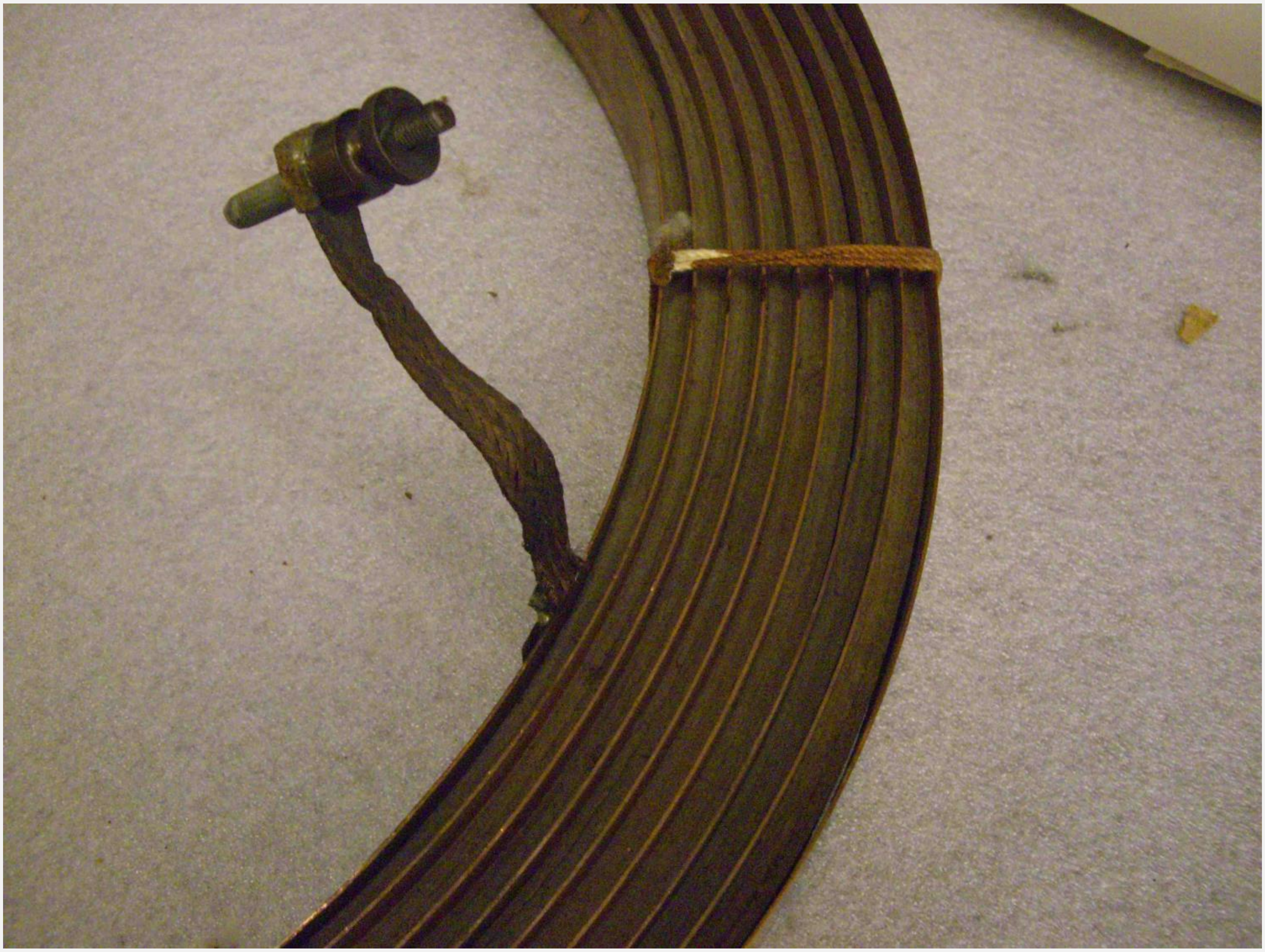

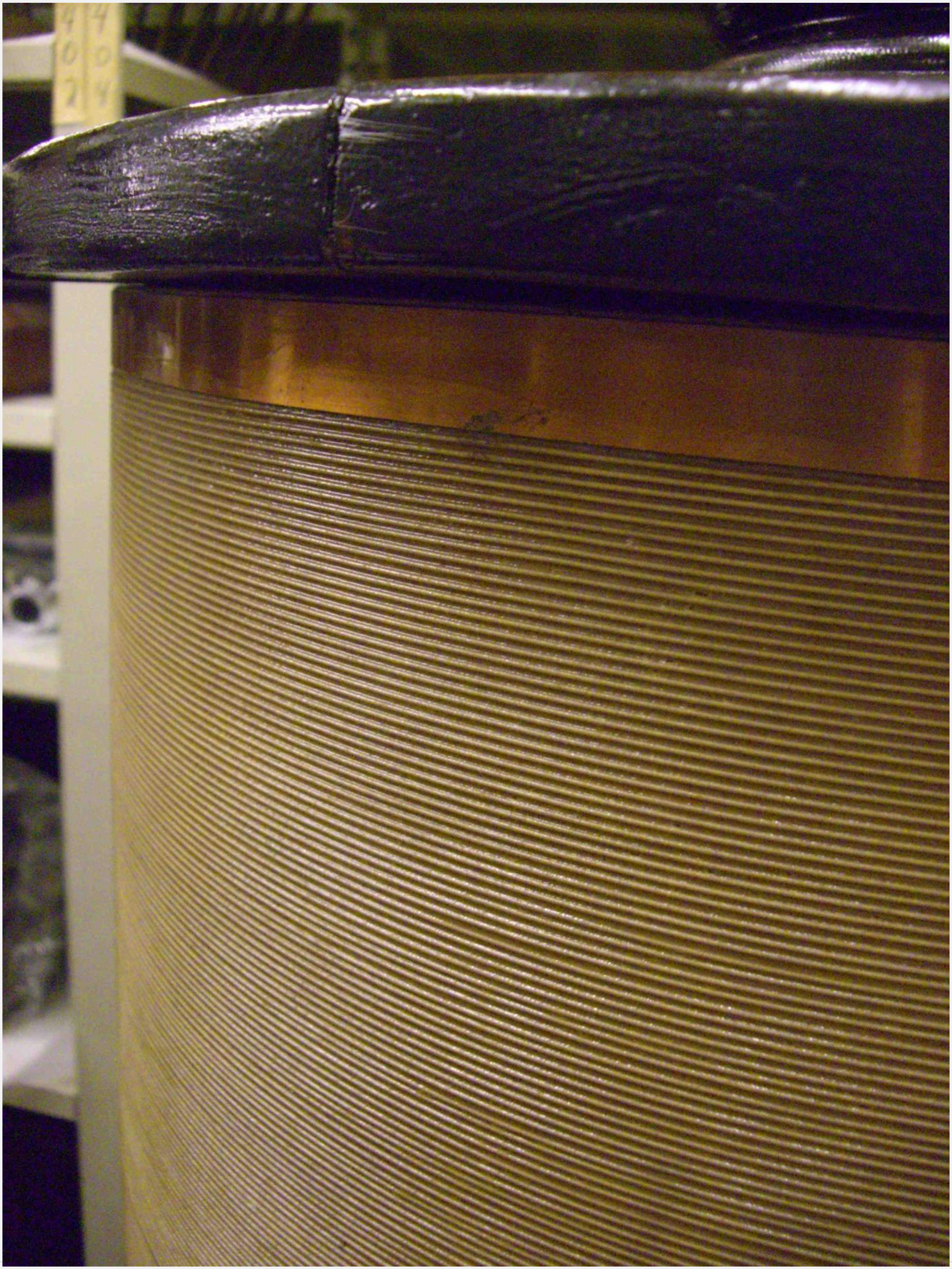
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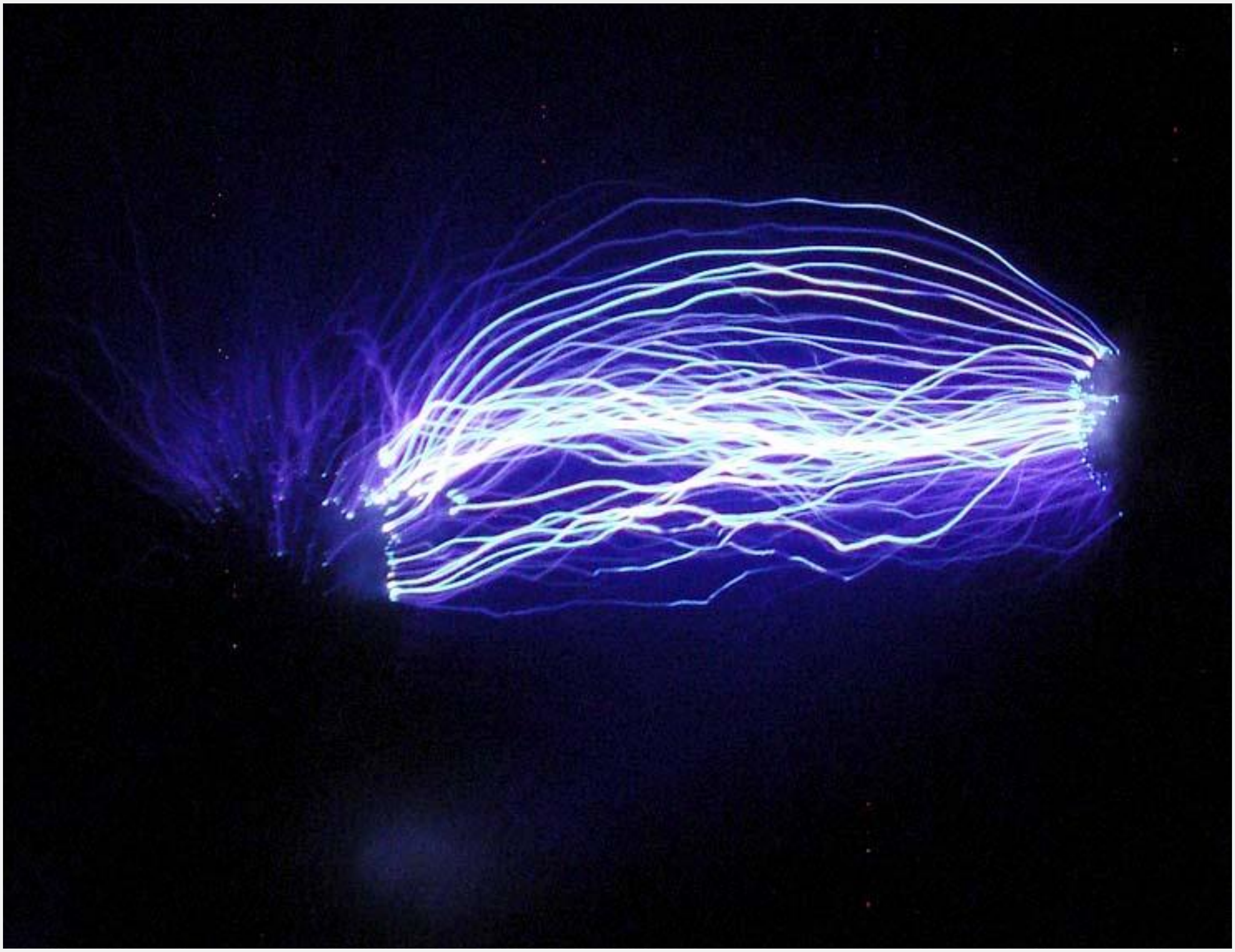
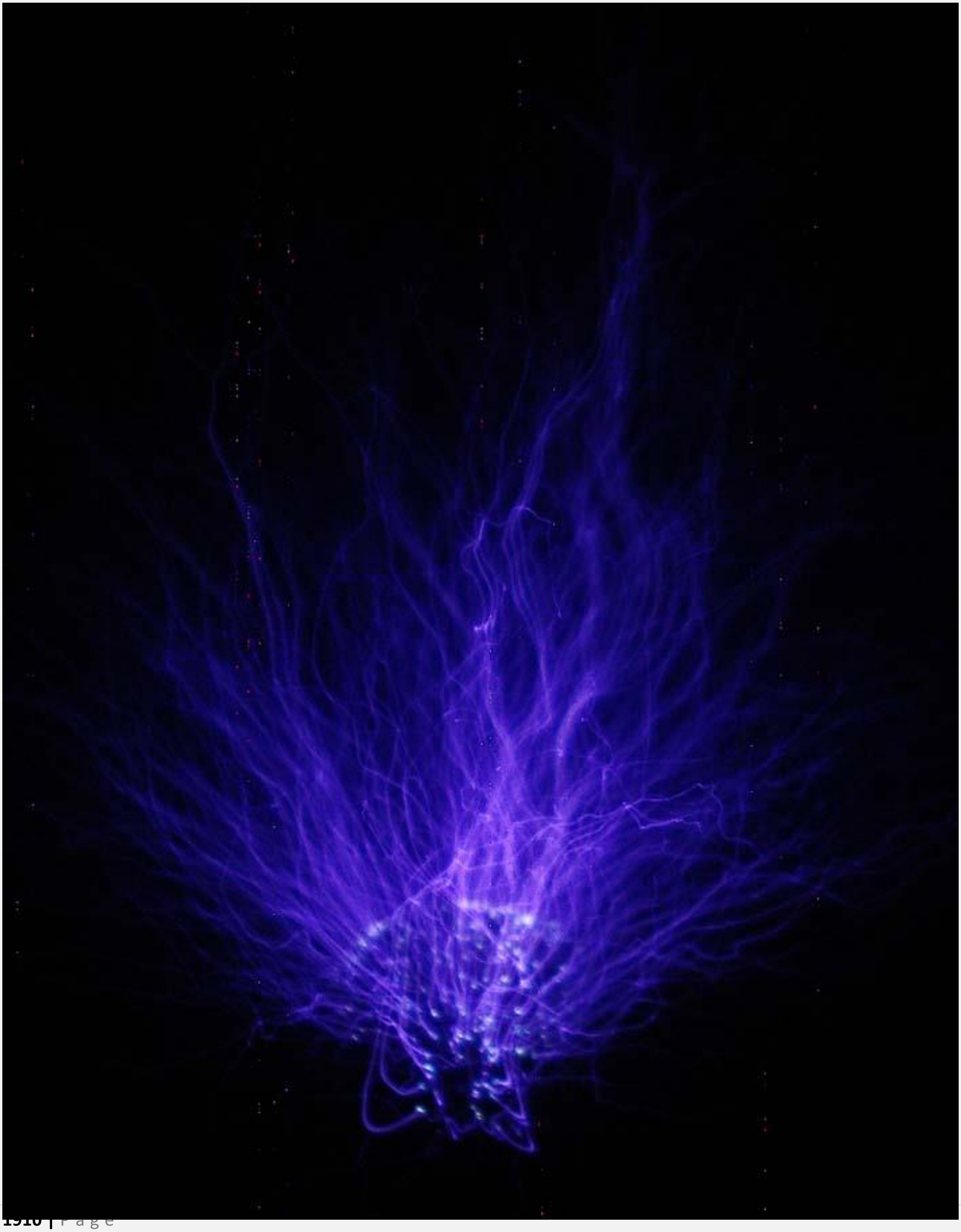
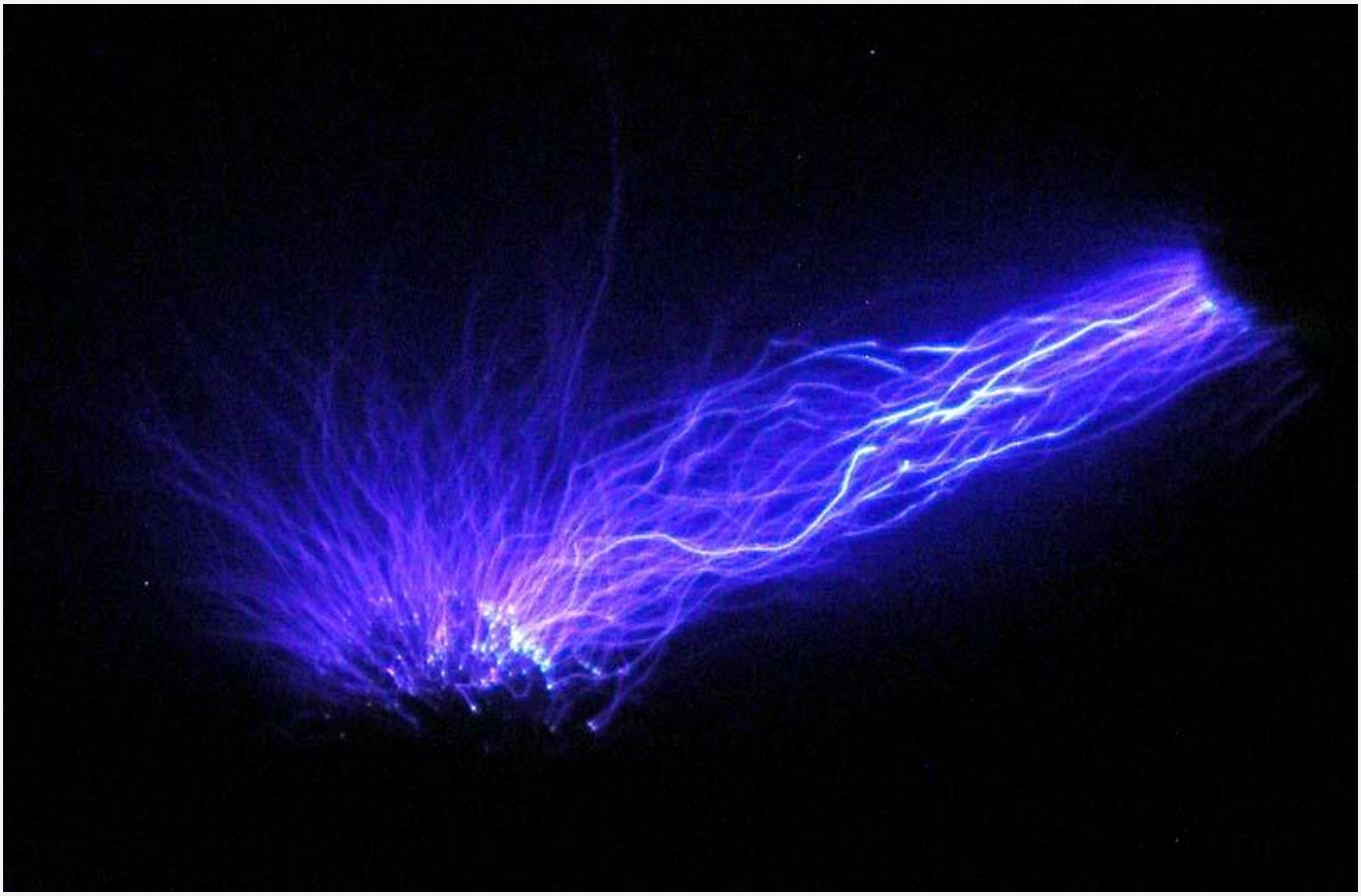
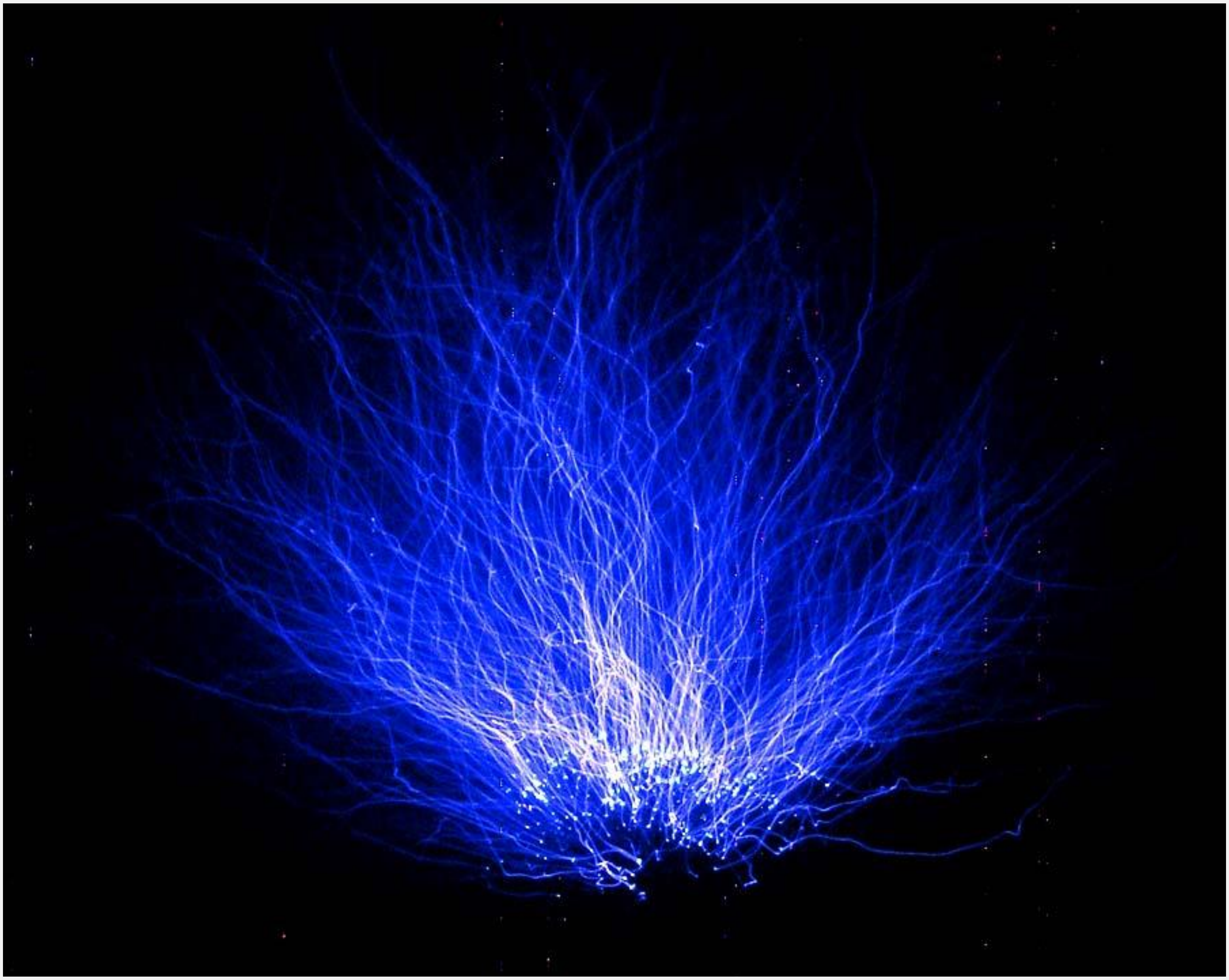
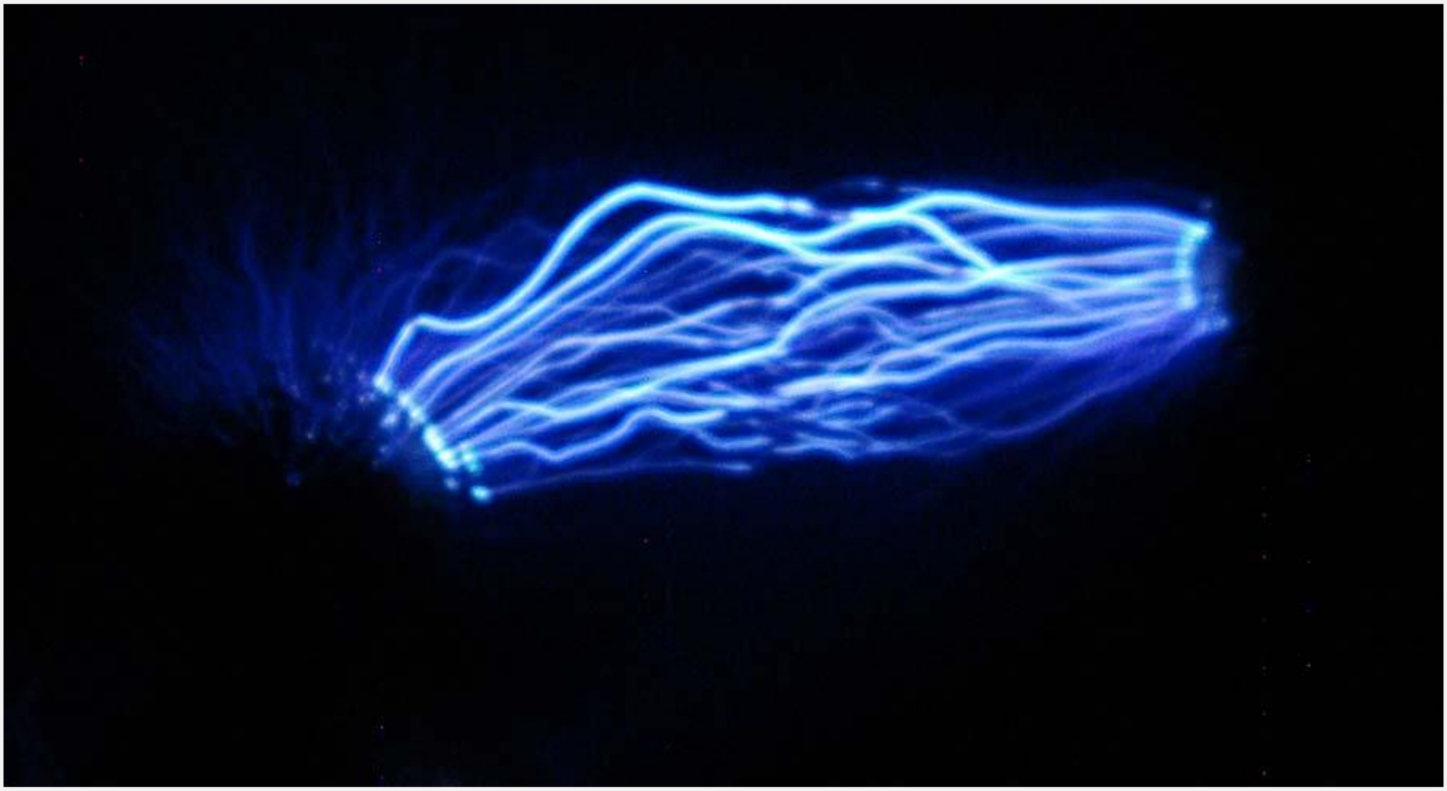
Calming Vibrations

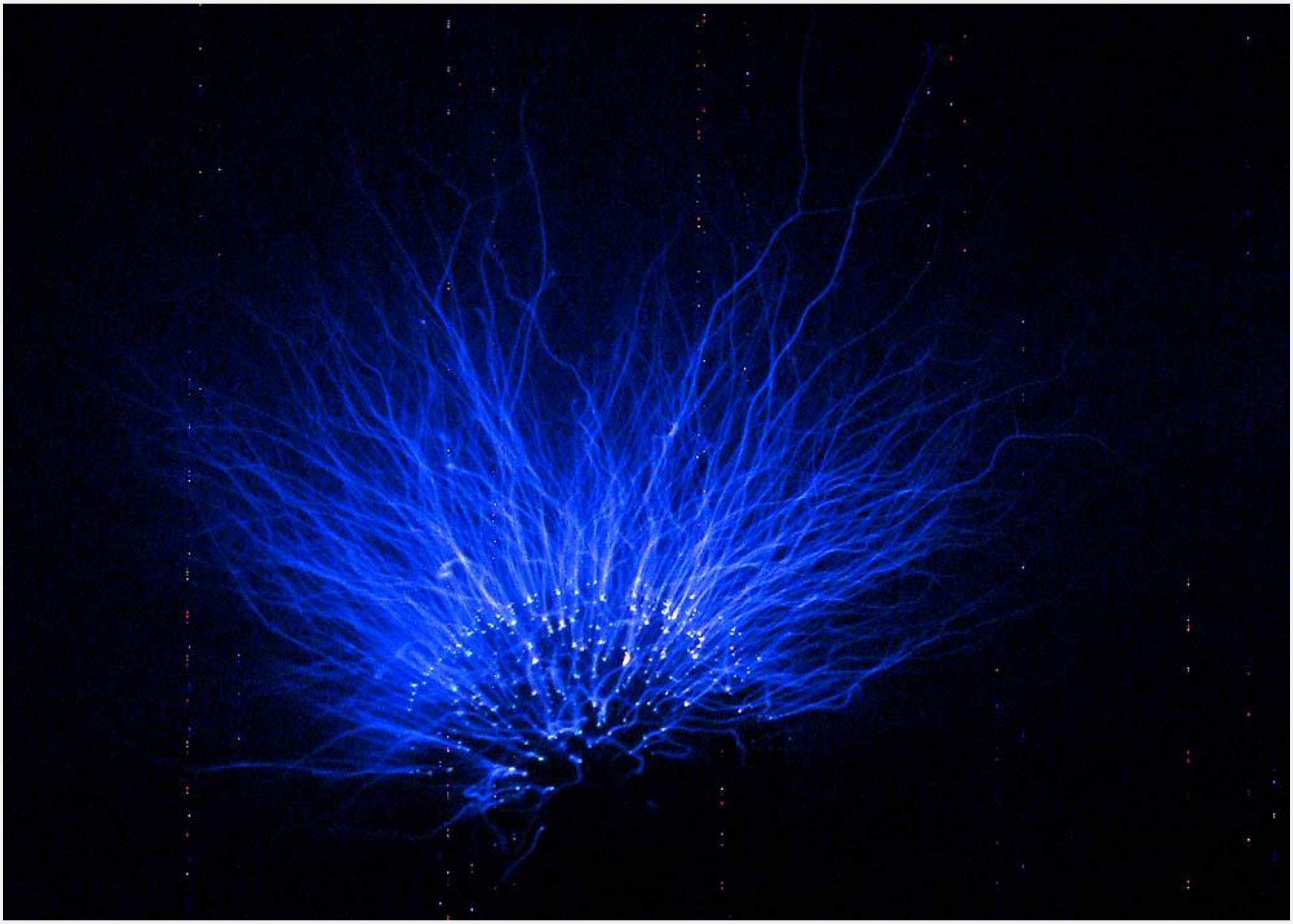


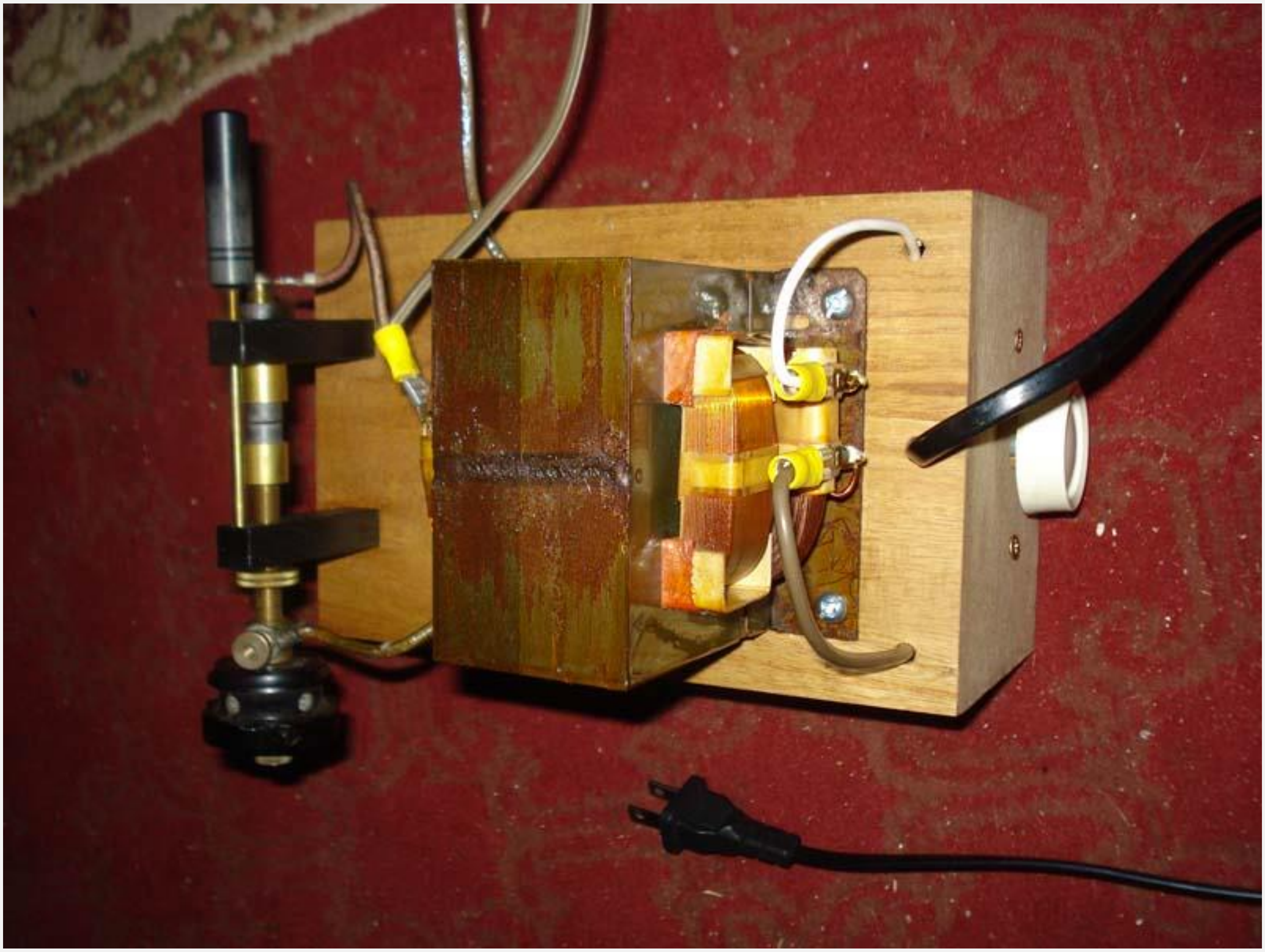


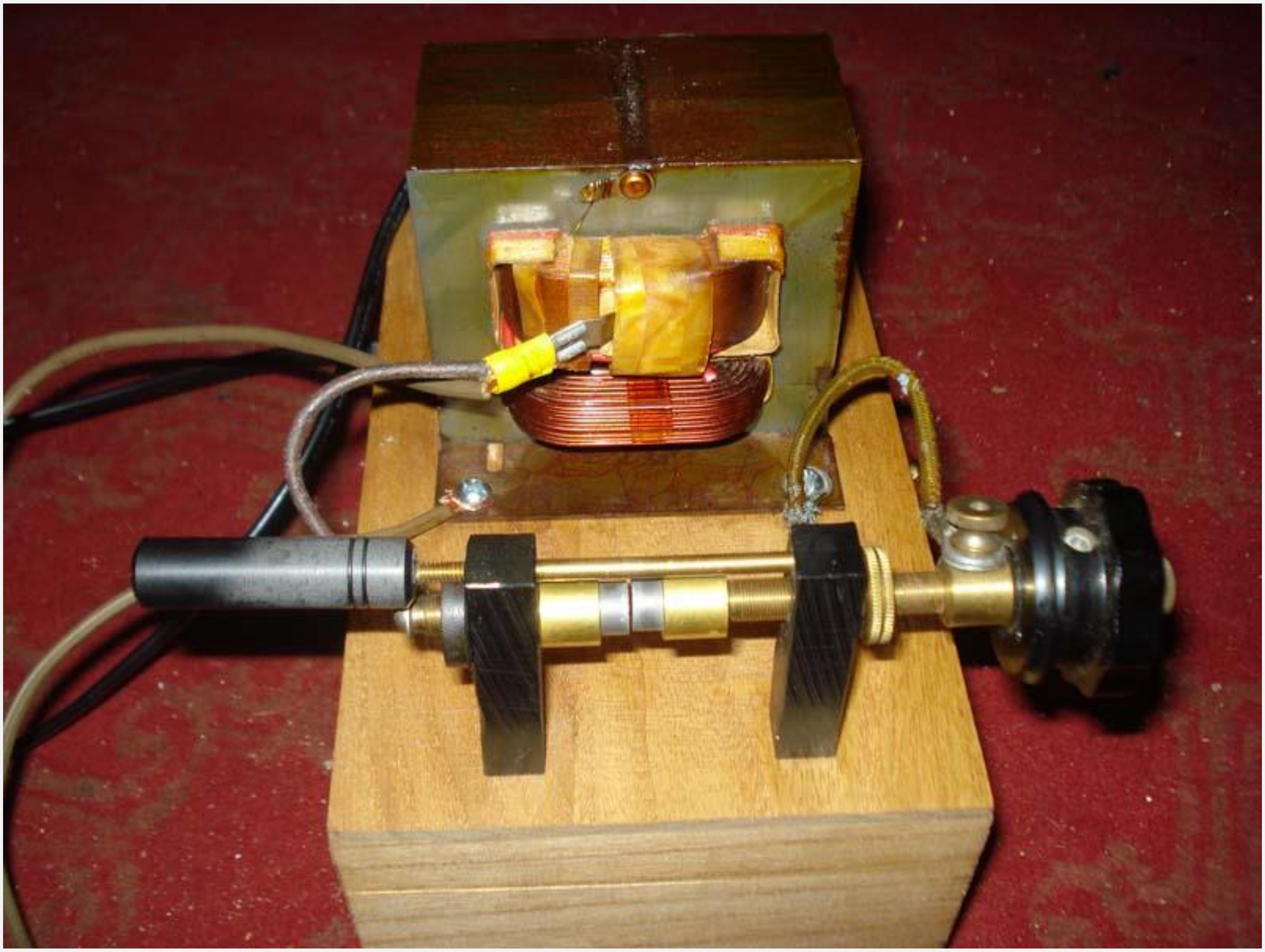




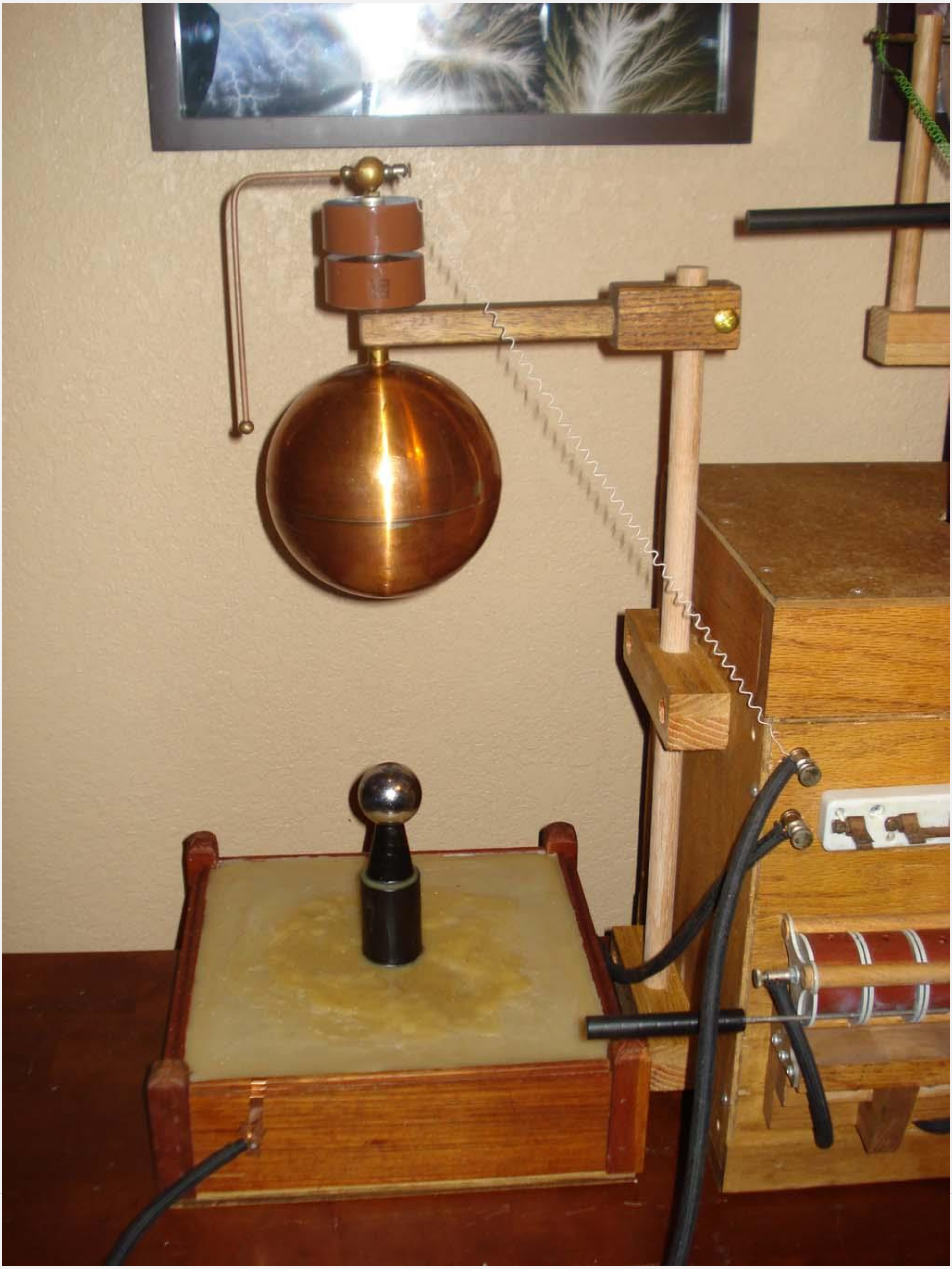


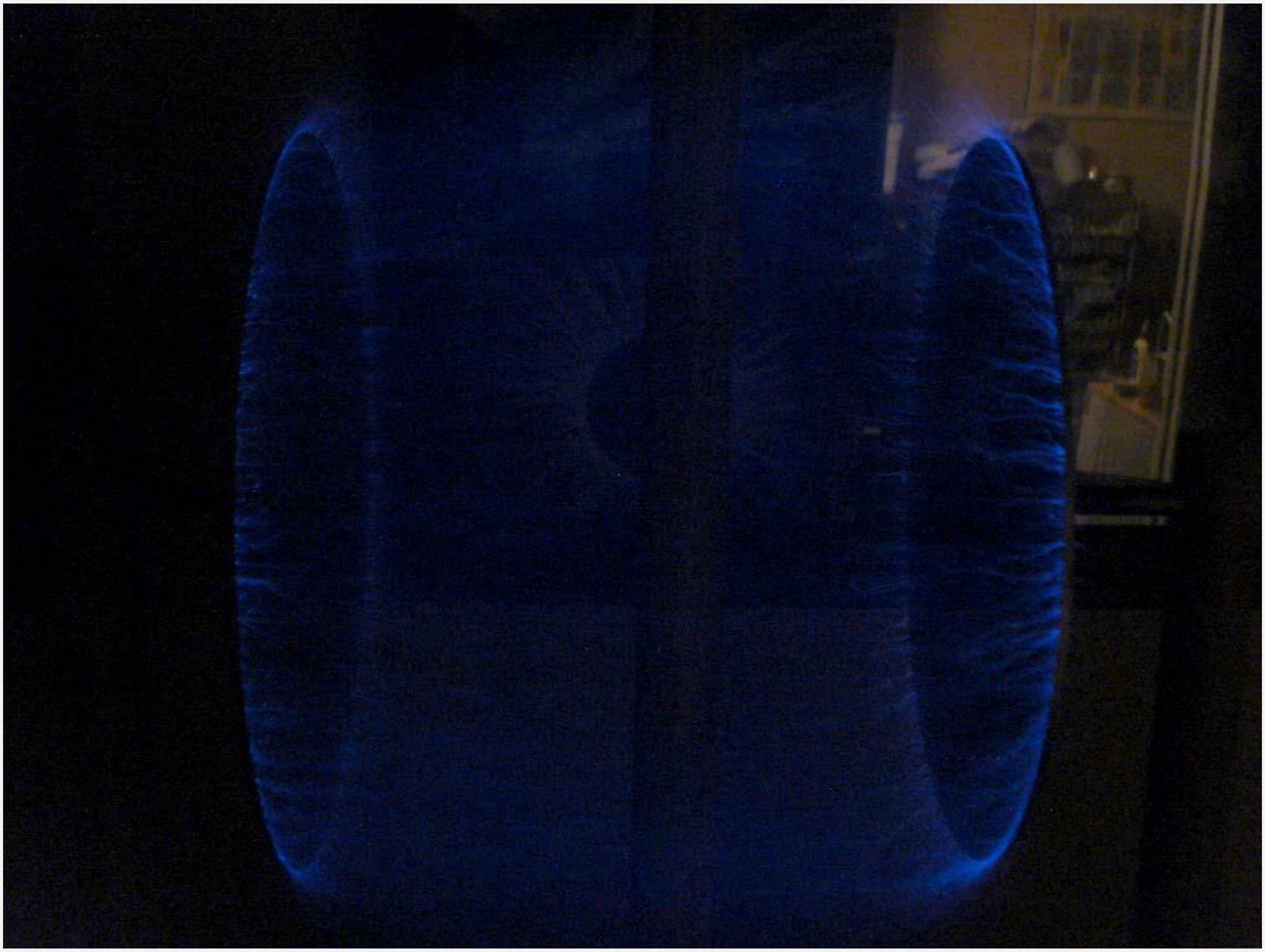


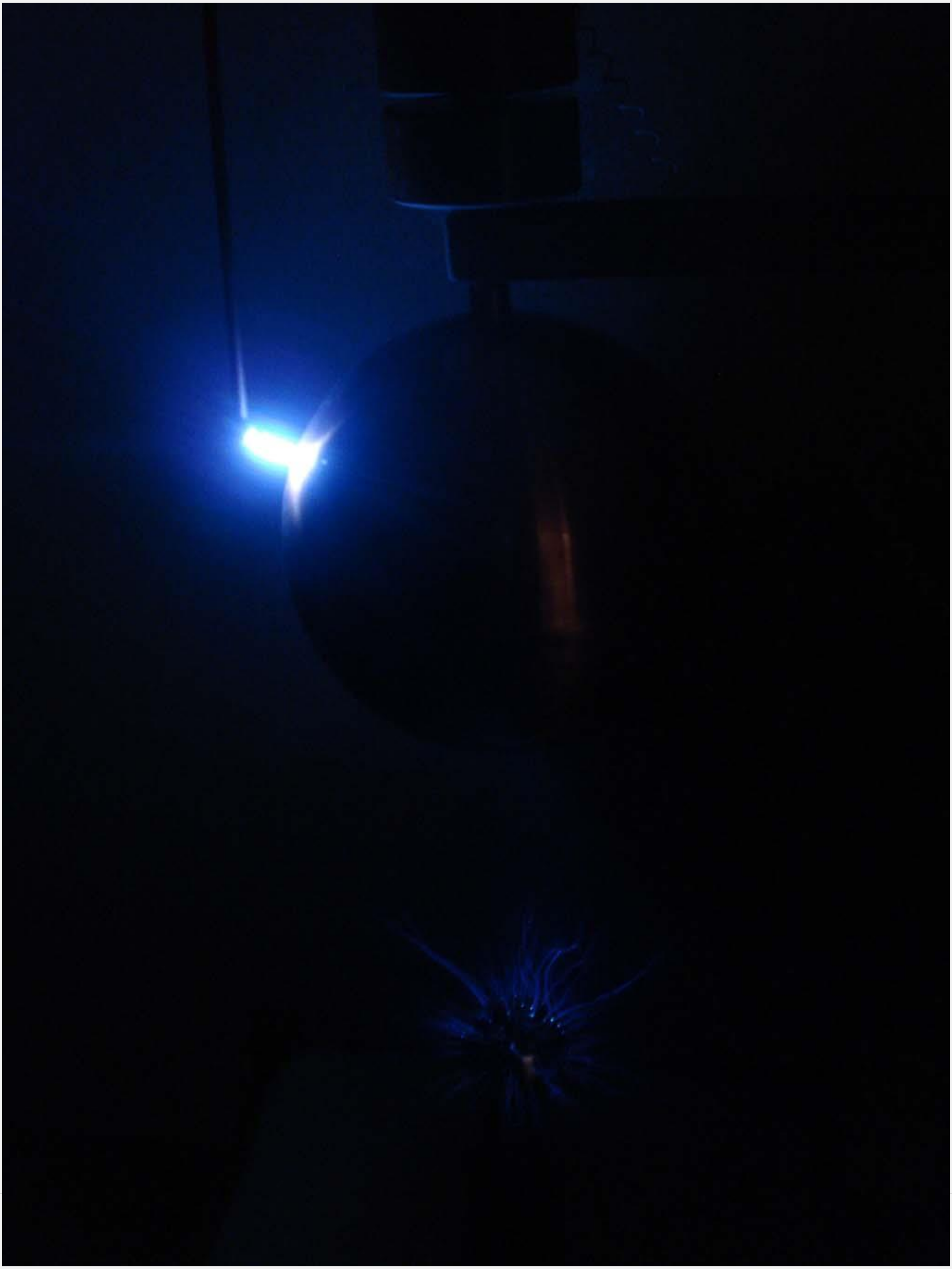




Pulse width modulation driven microwave oven transformer powered Tesla Coil







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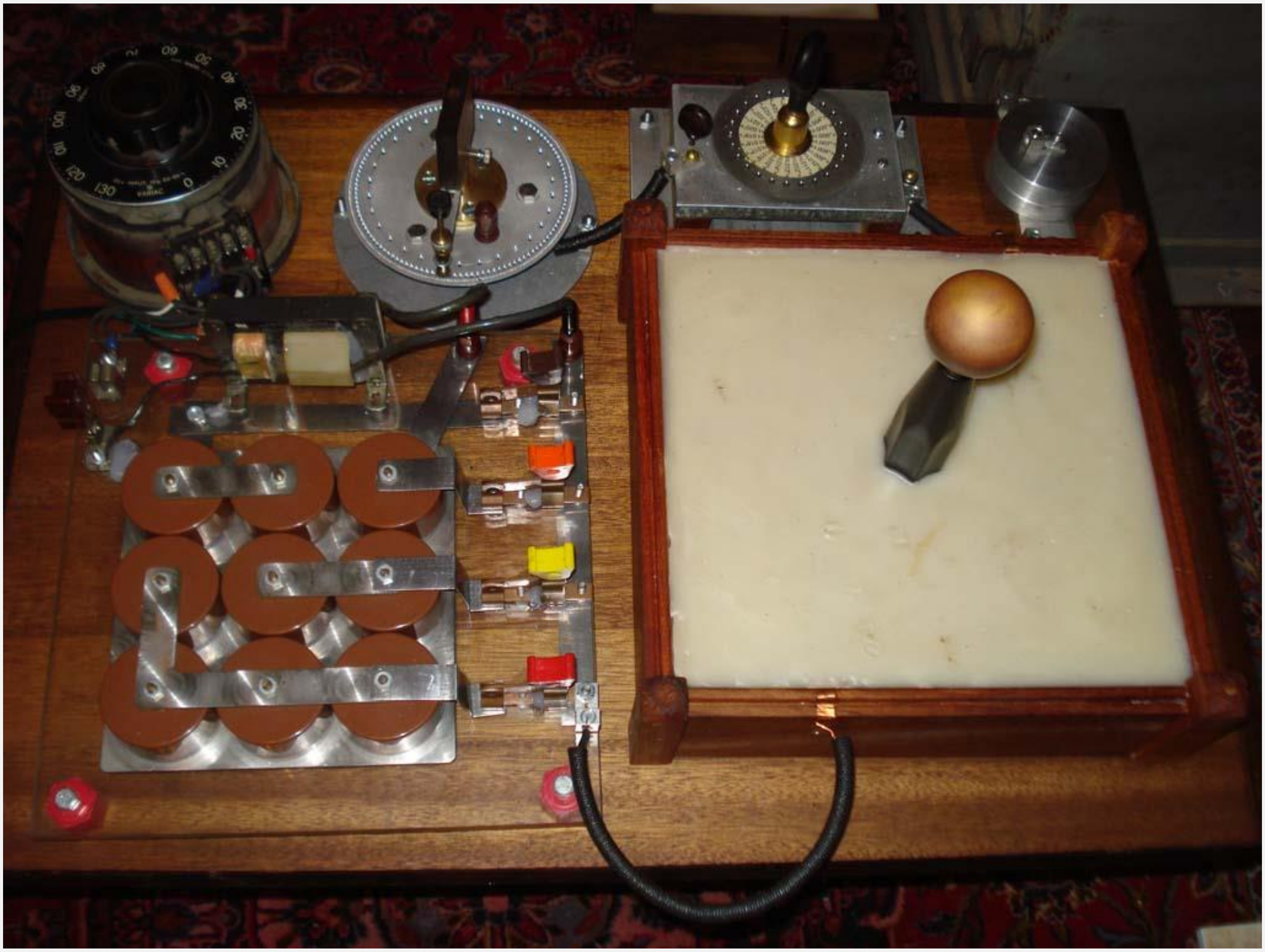

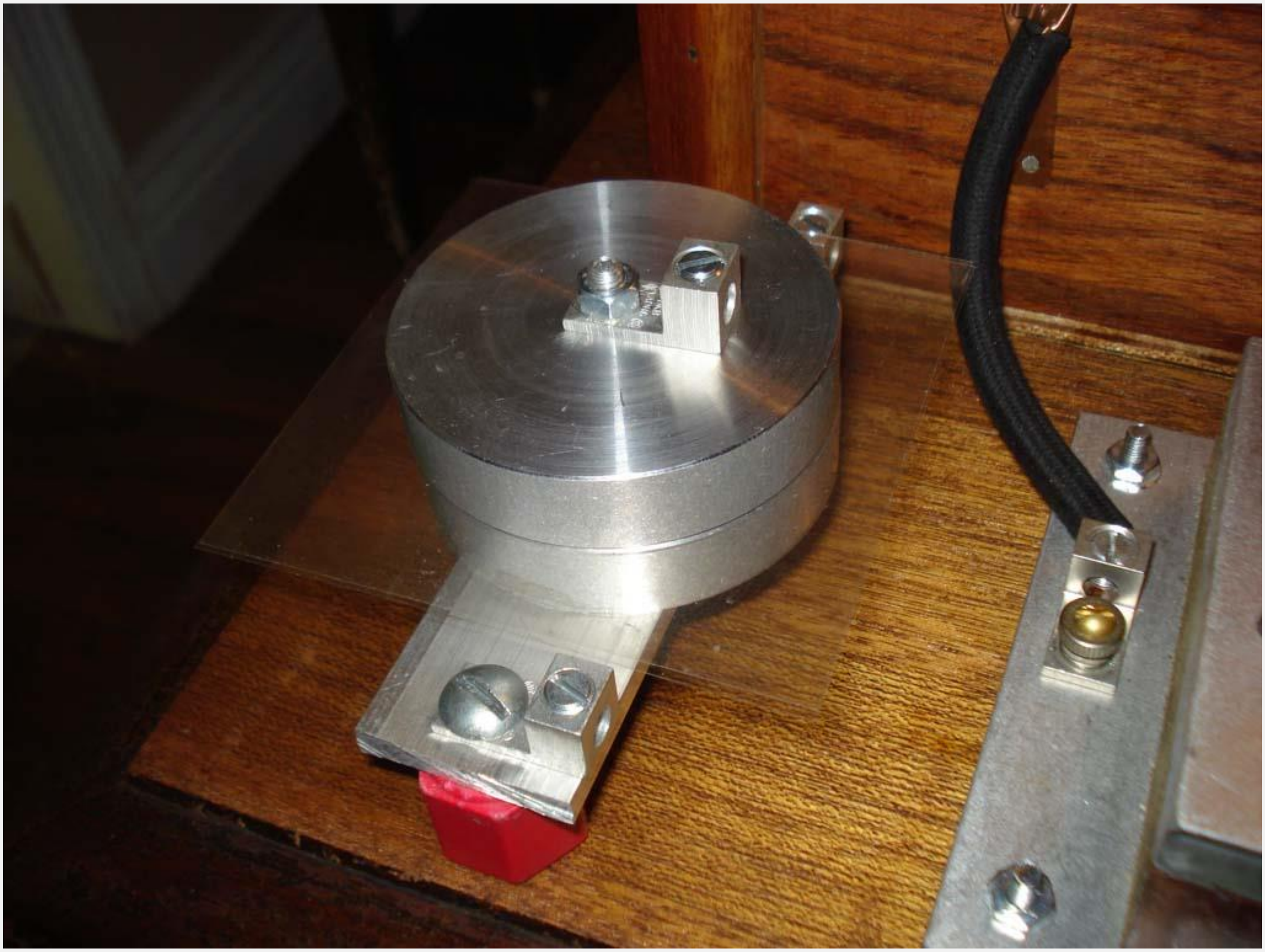

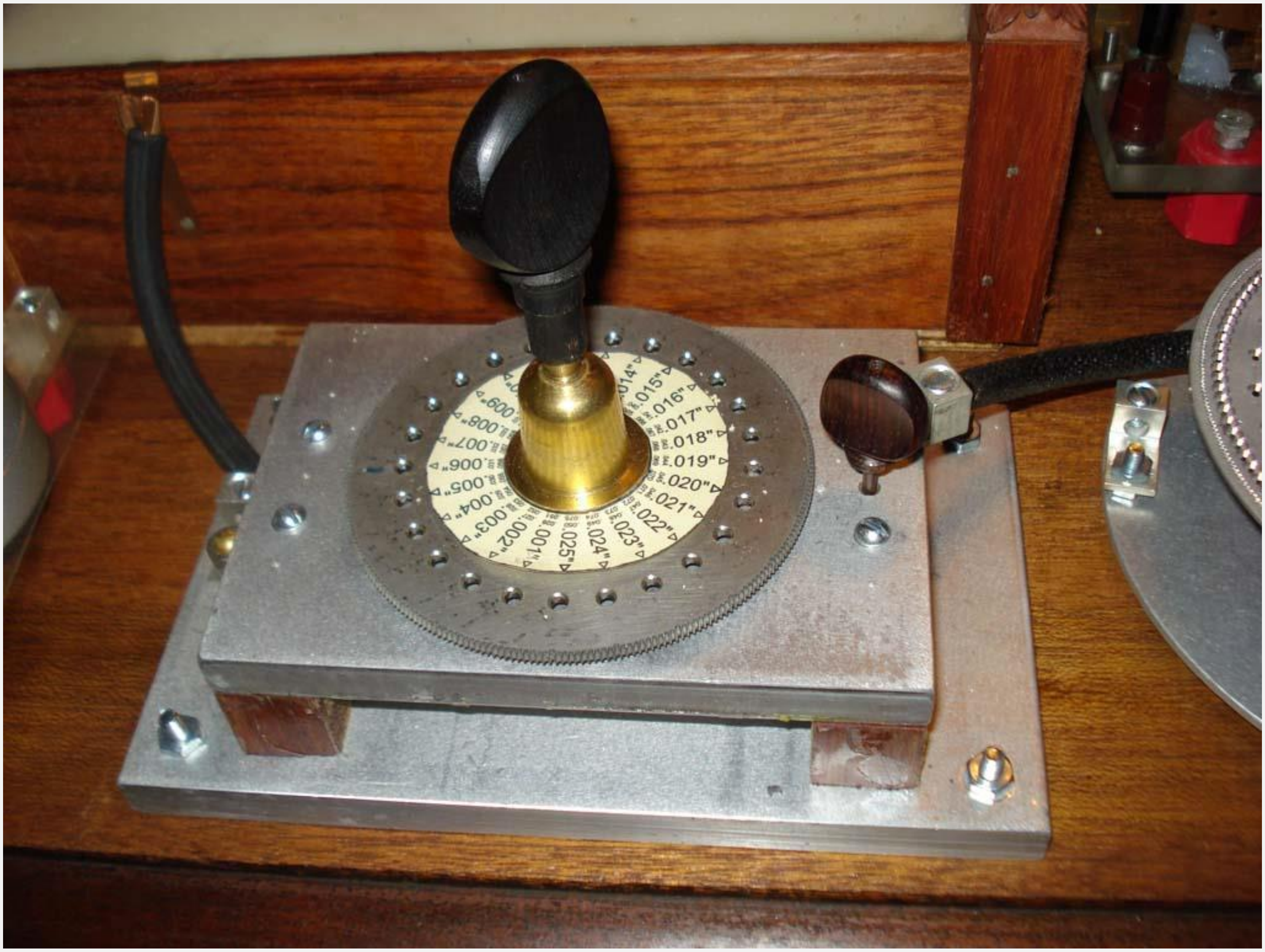

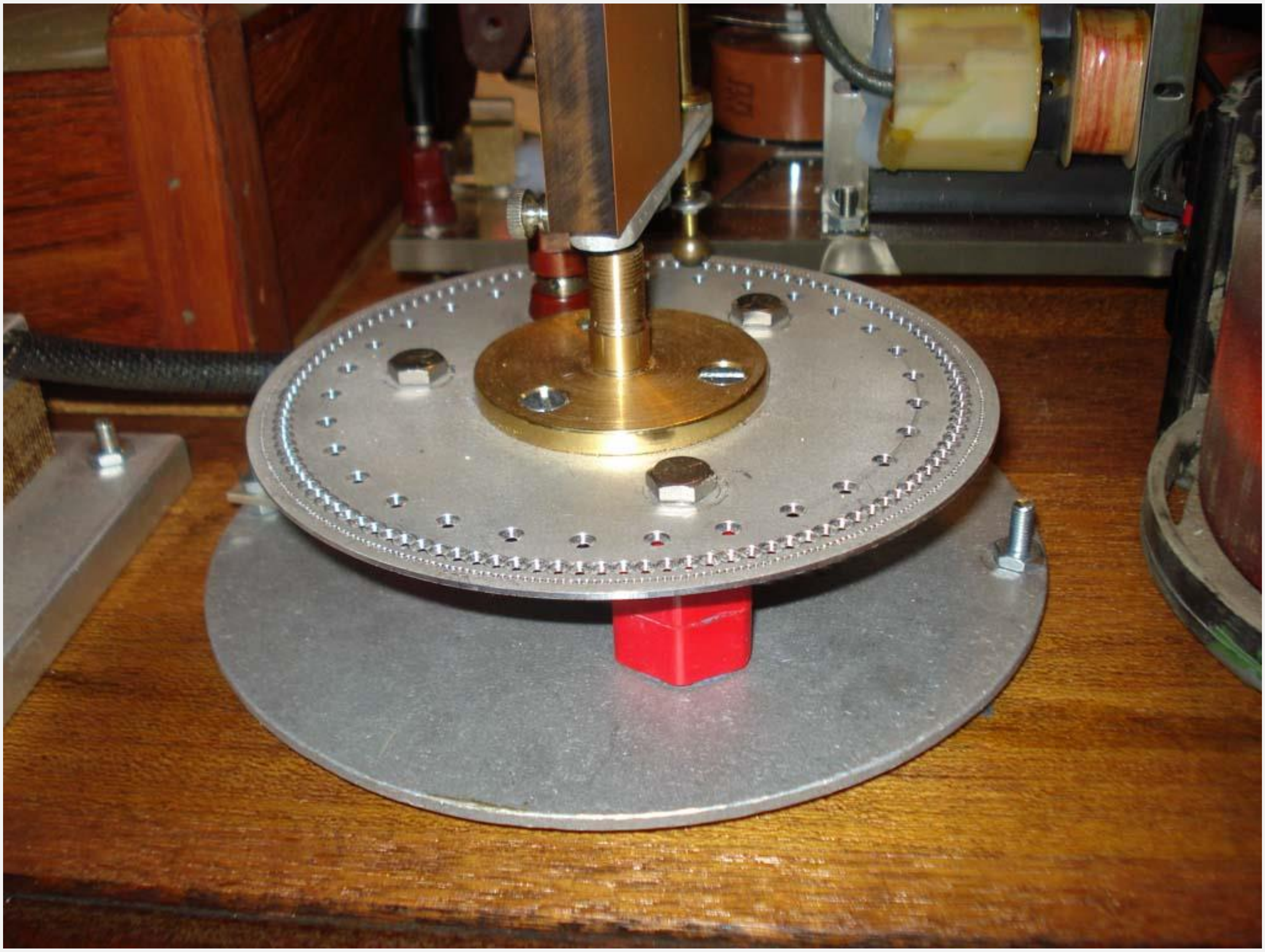

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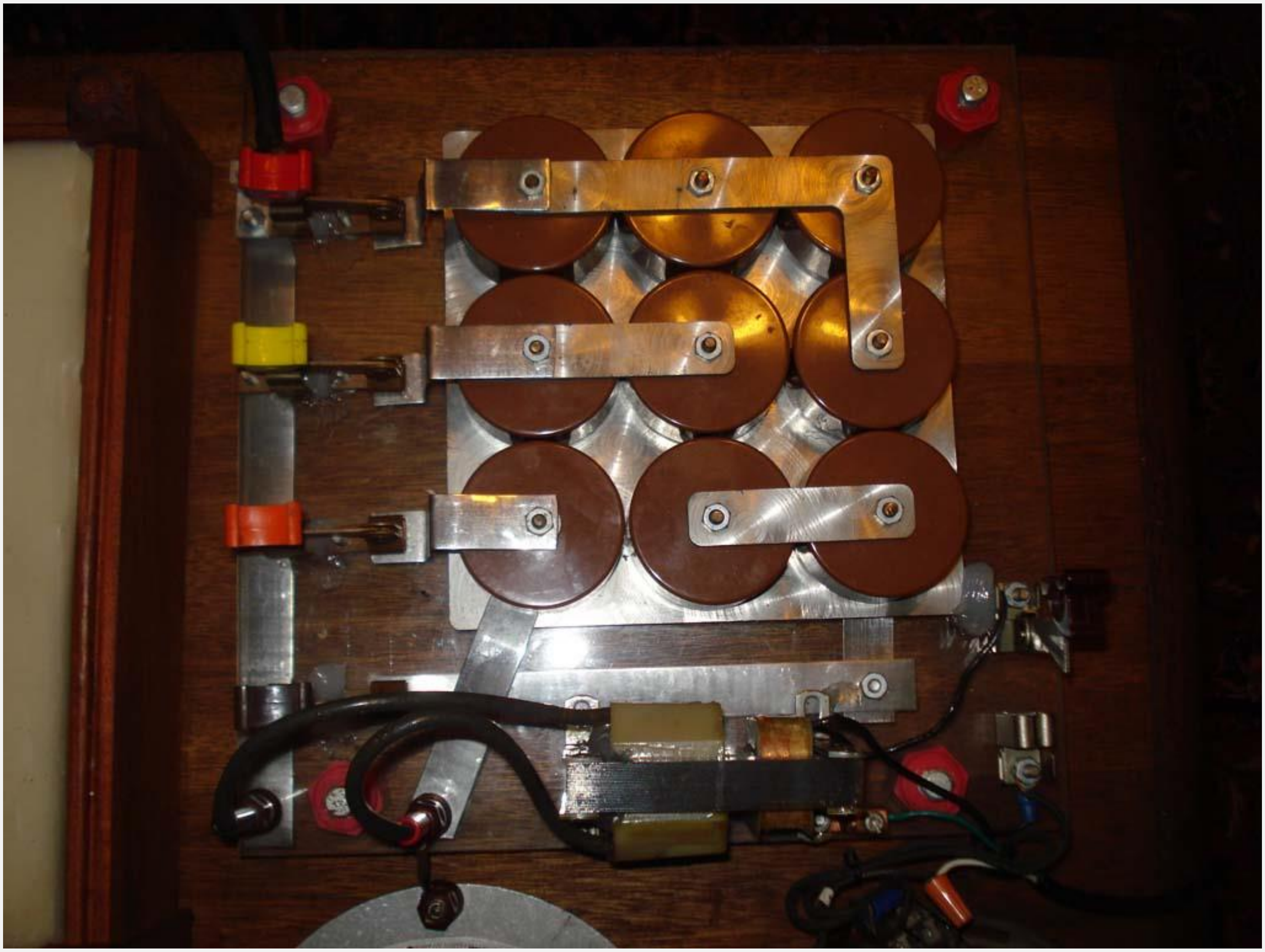

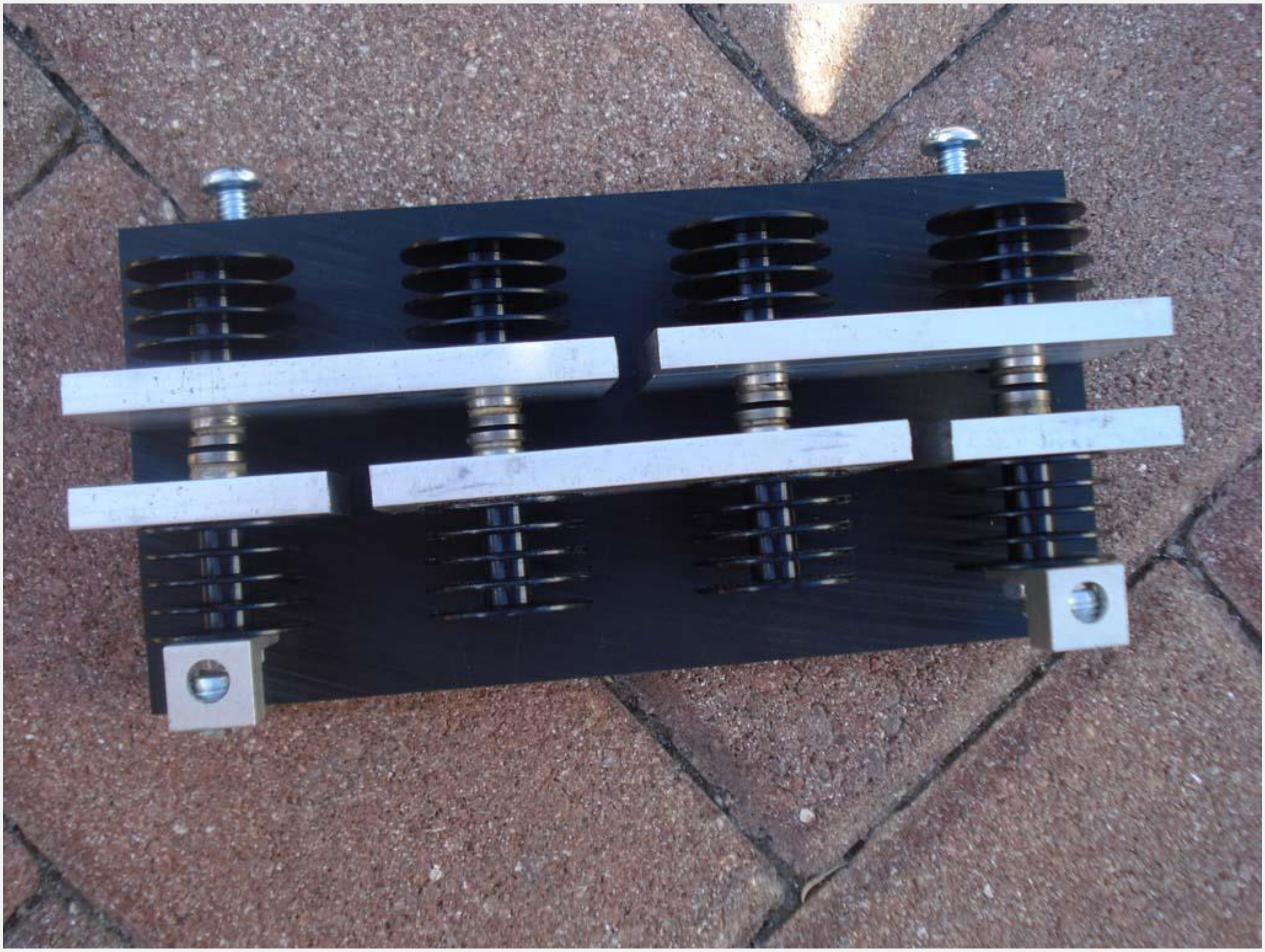

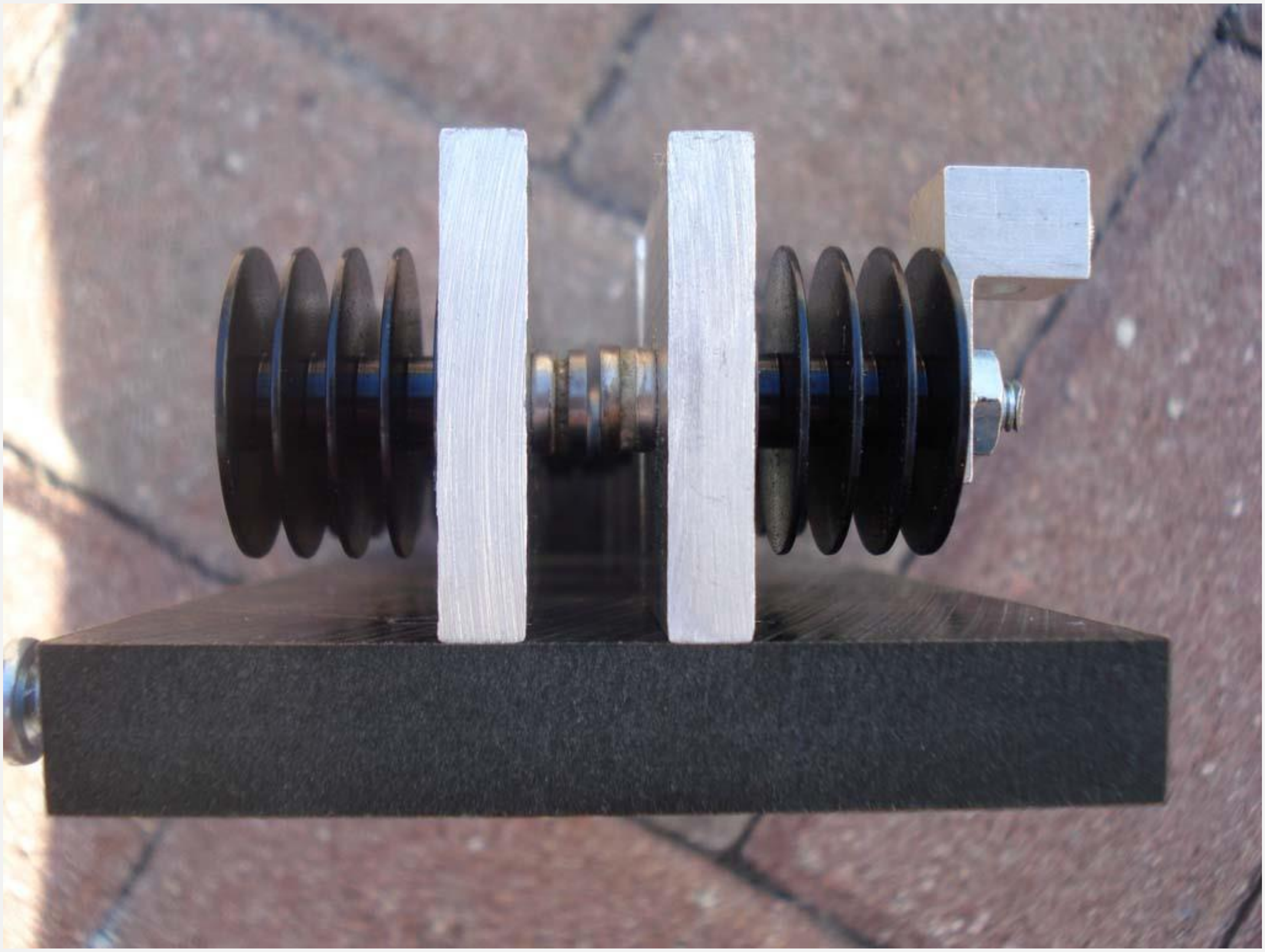

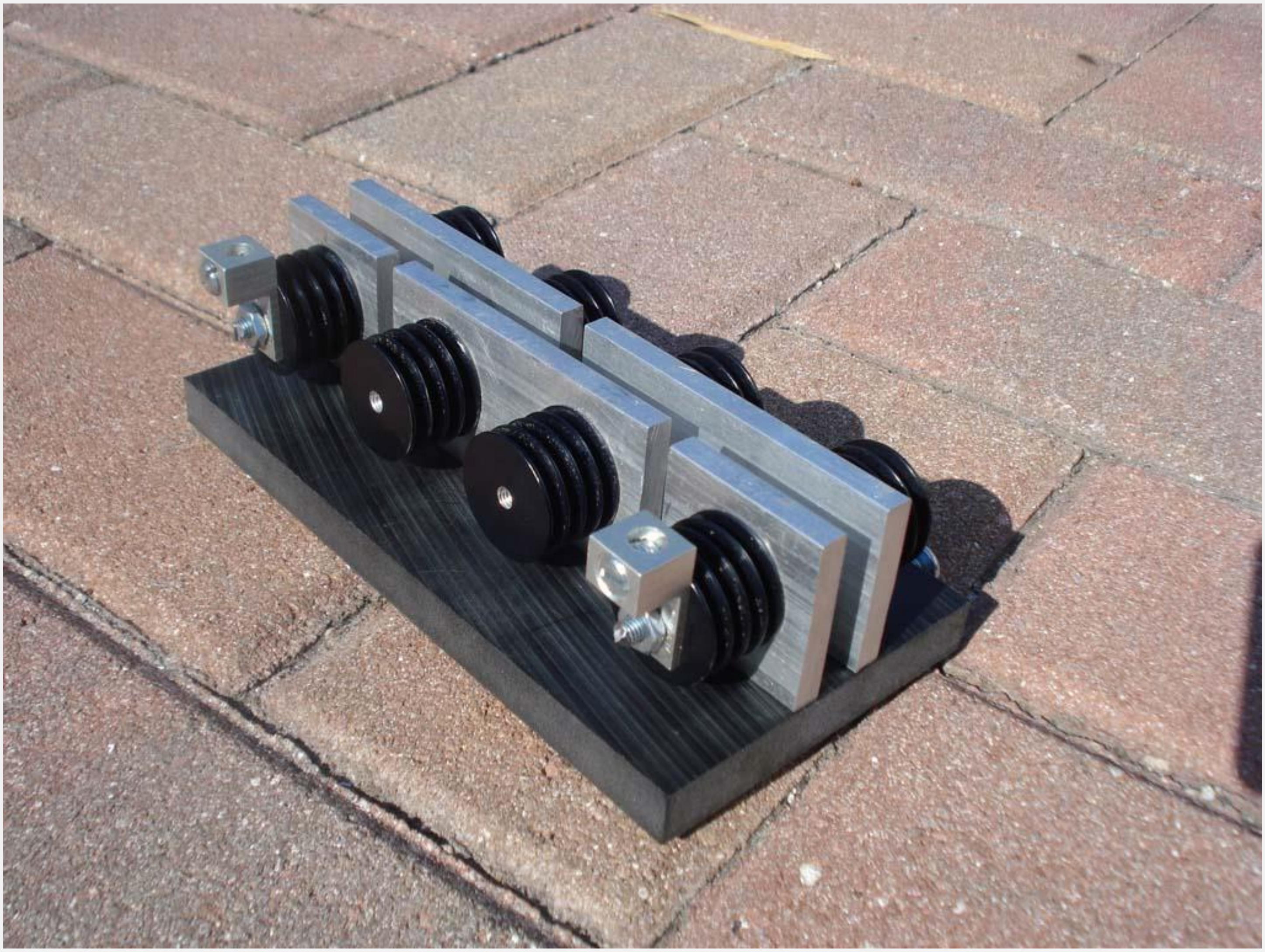

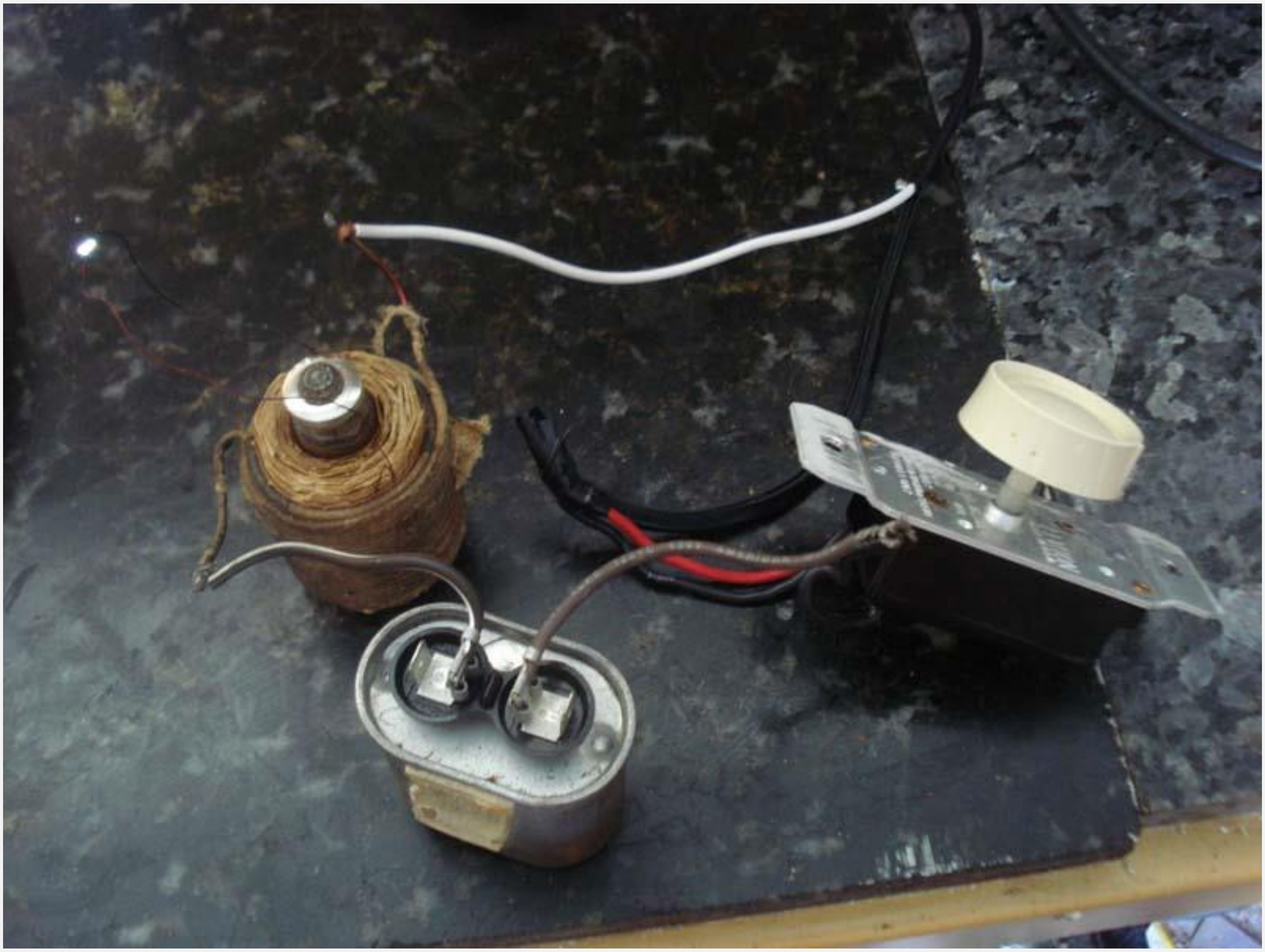

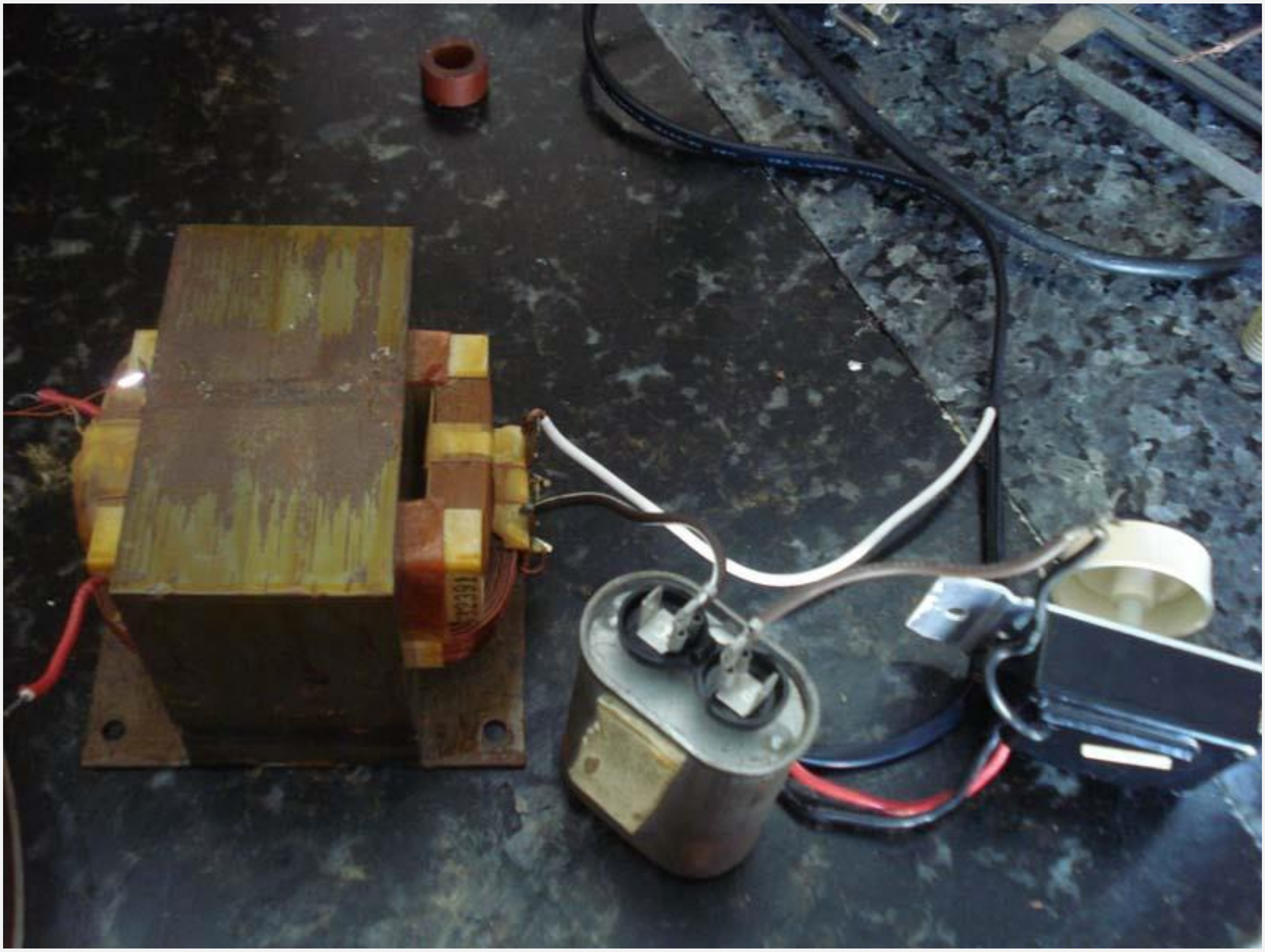

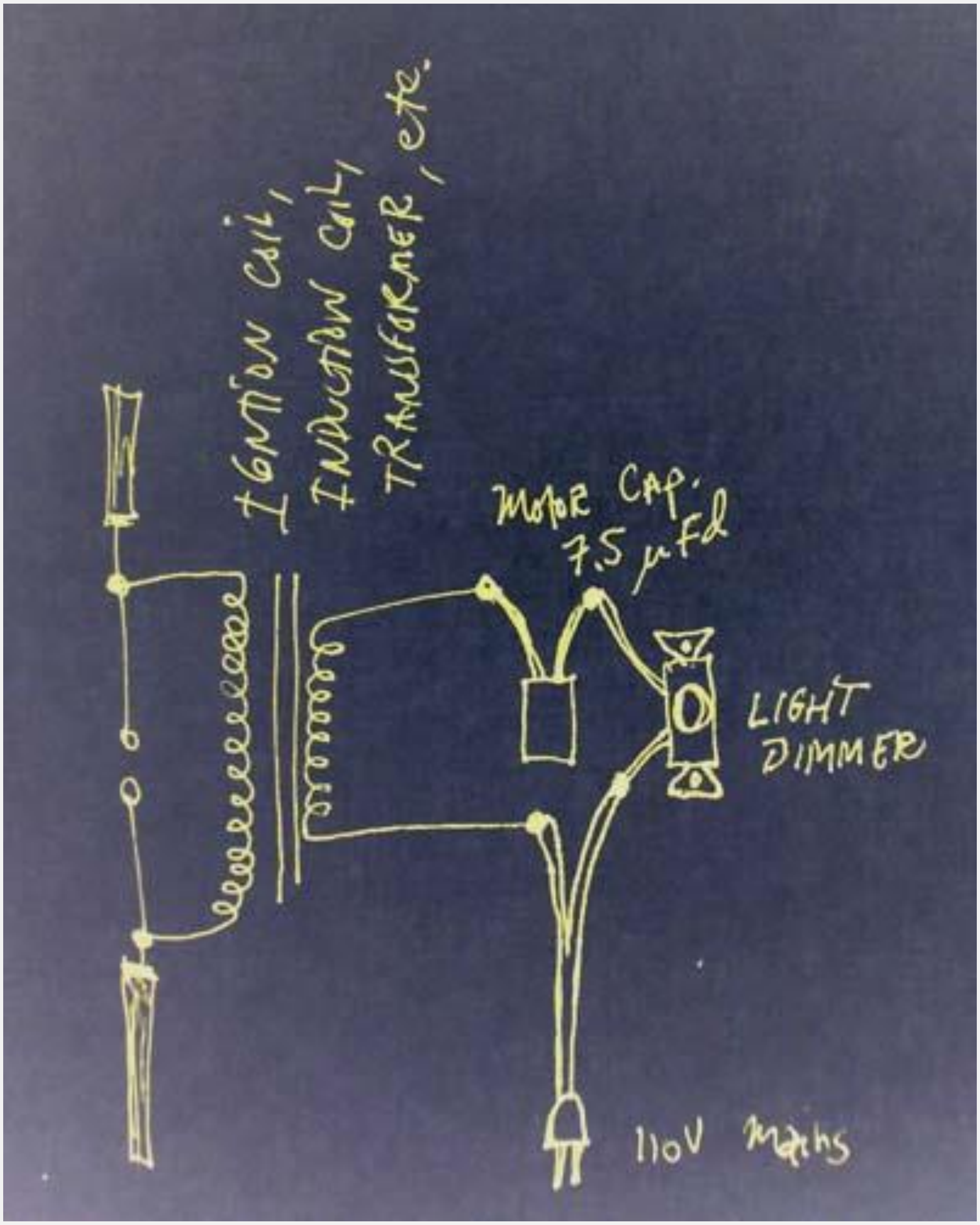
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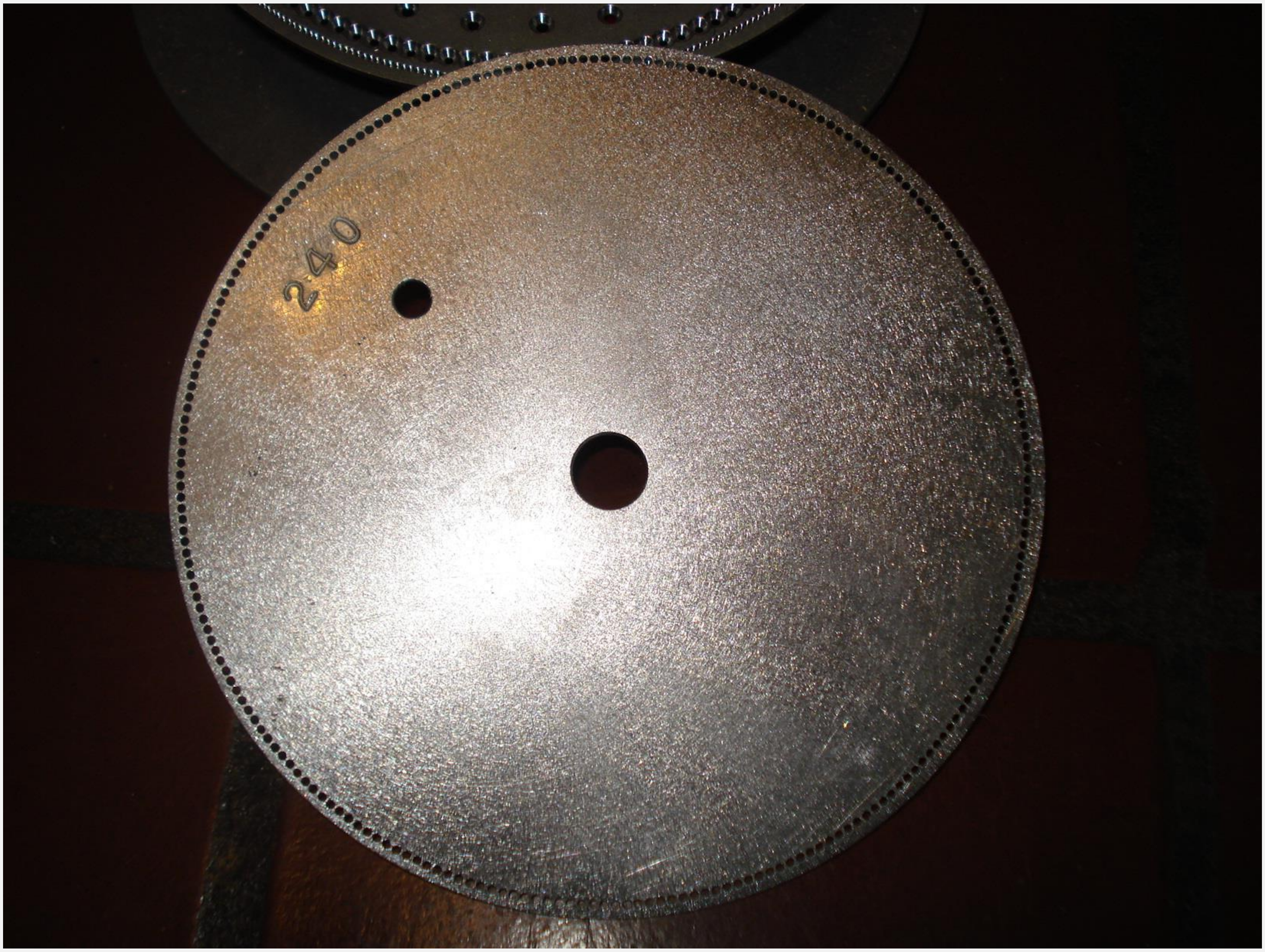
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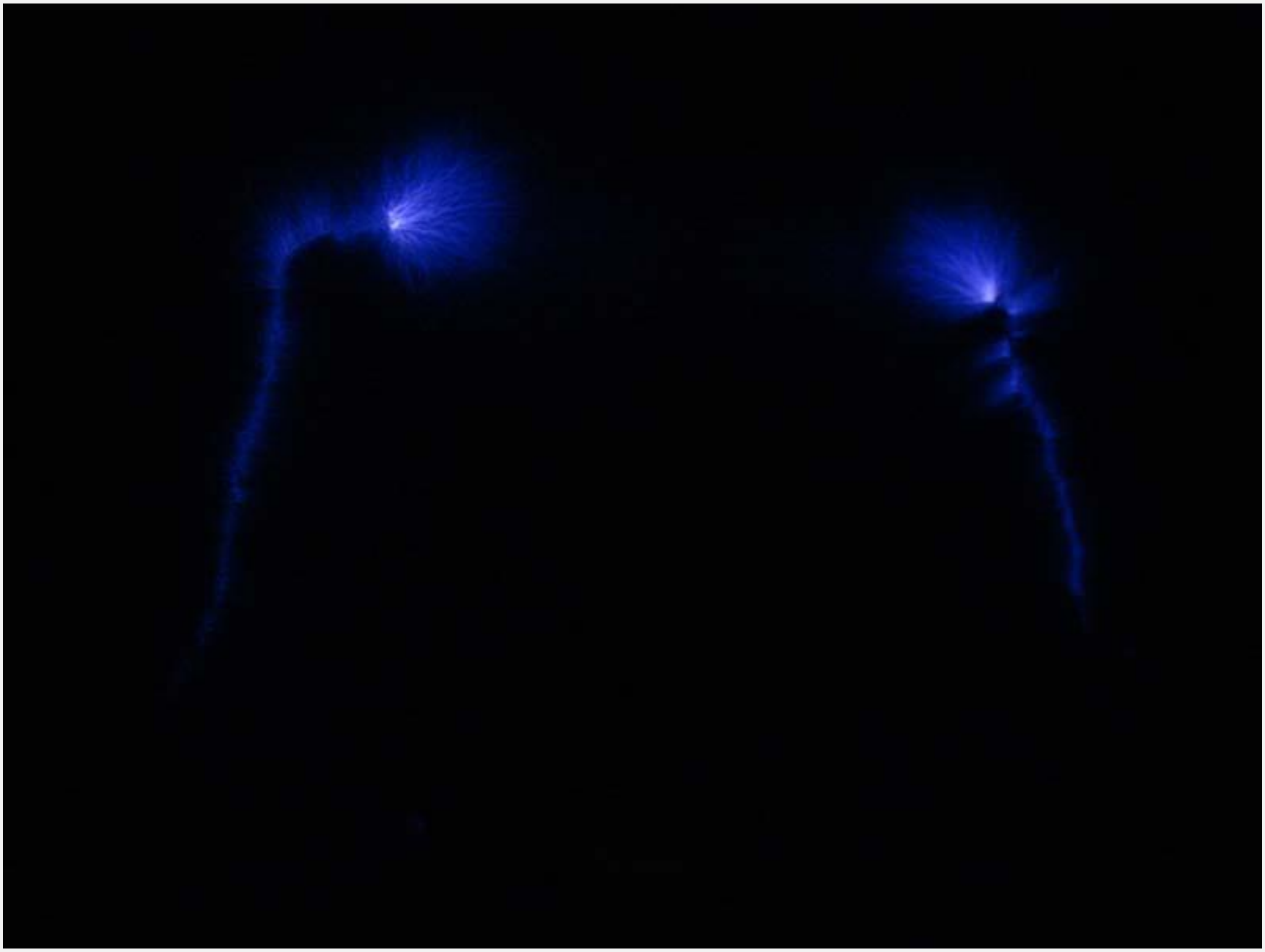

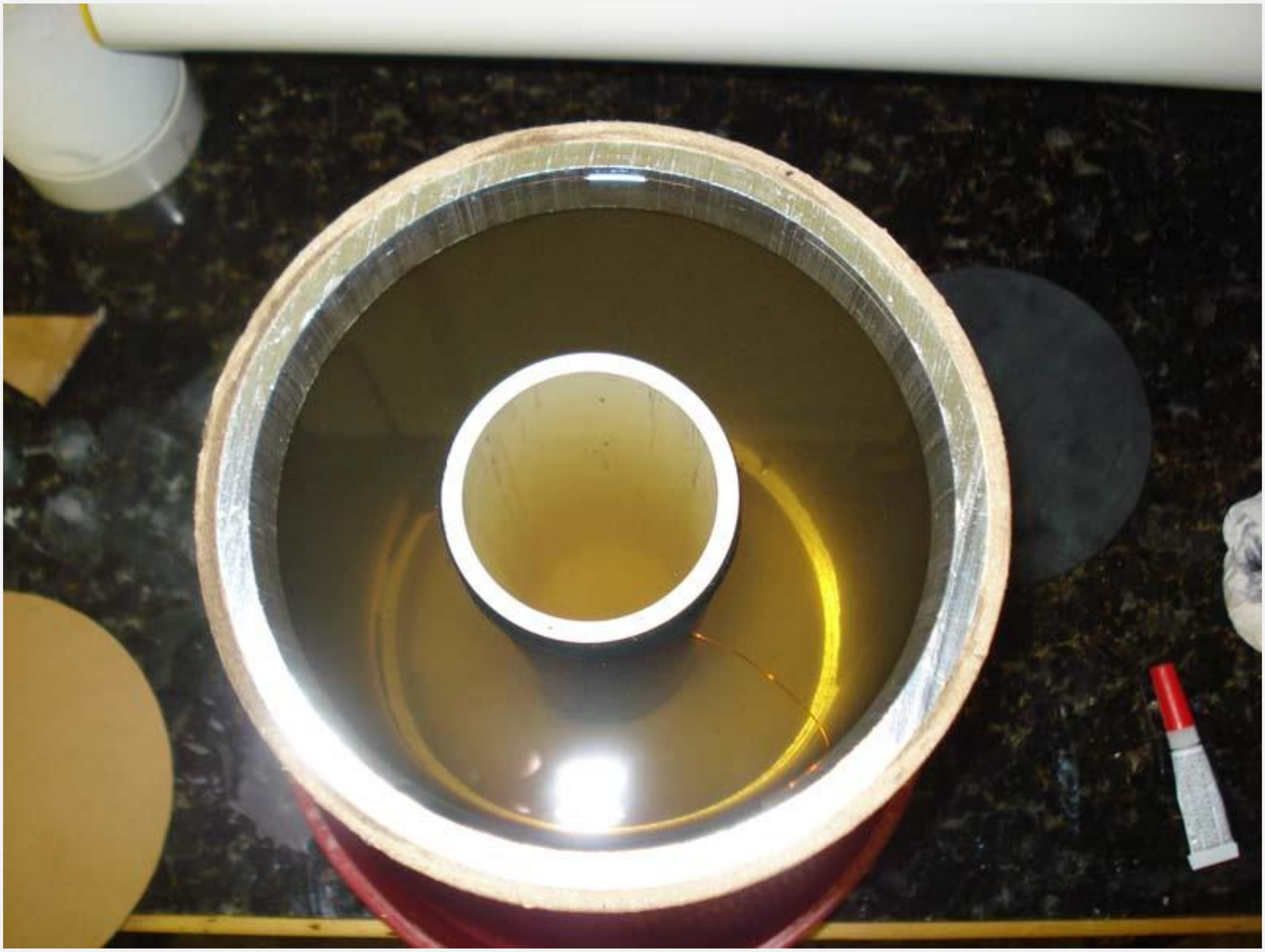

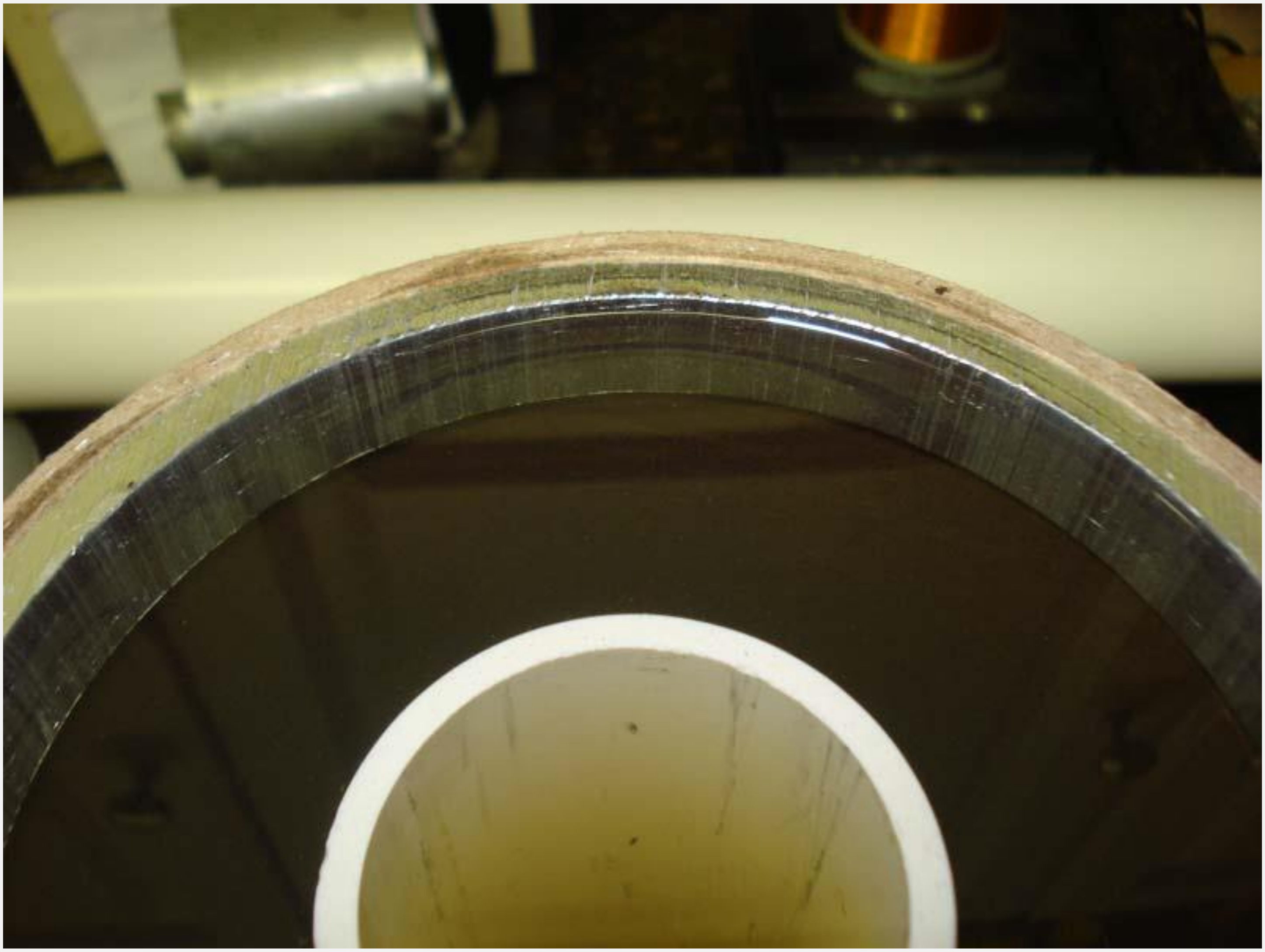

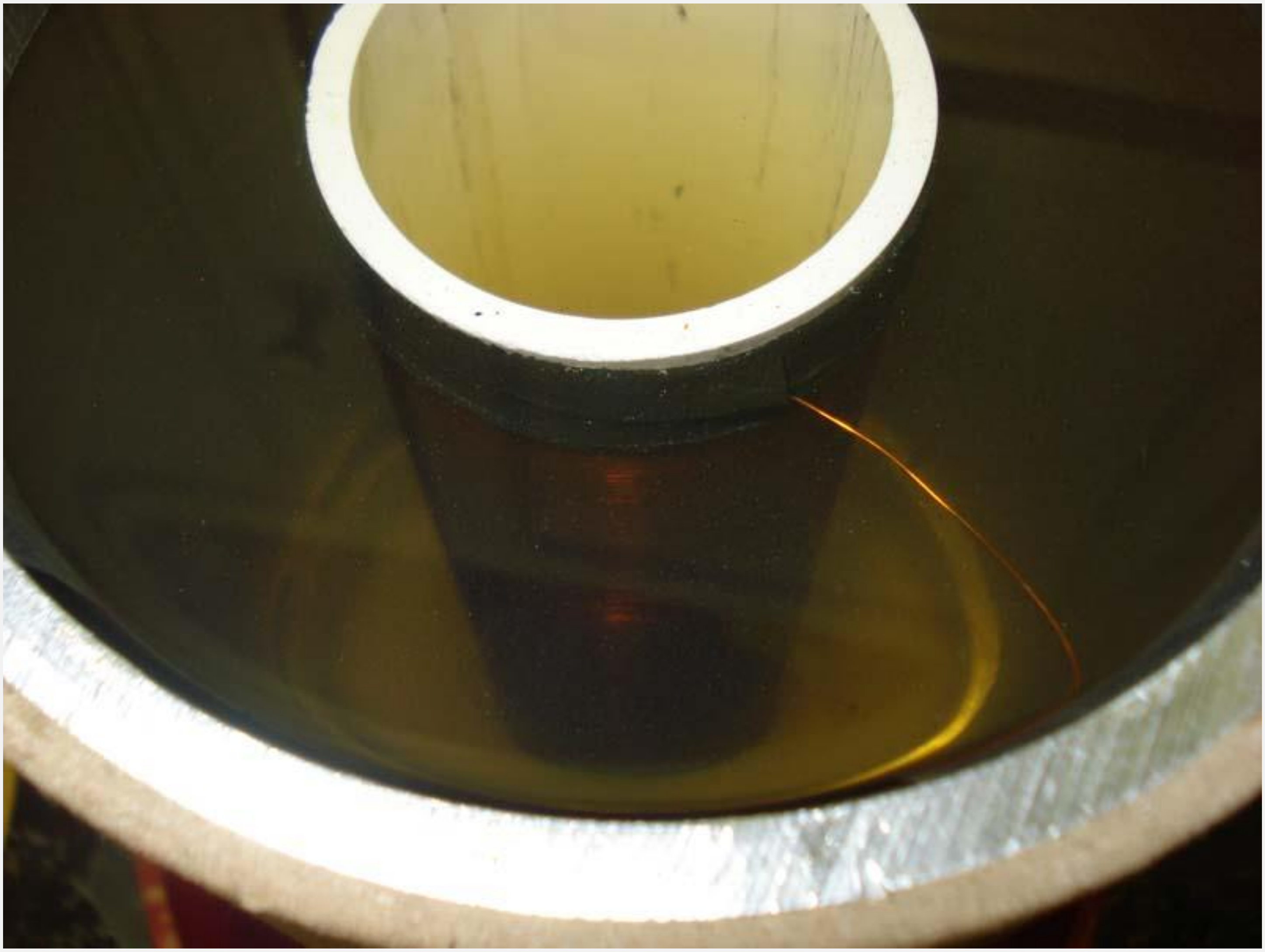

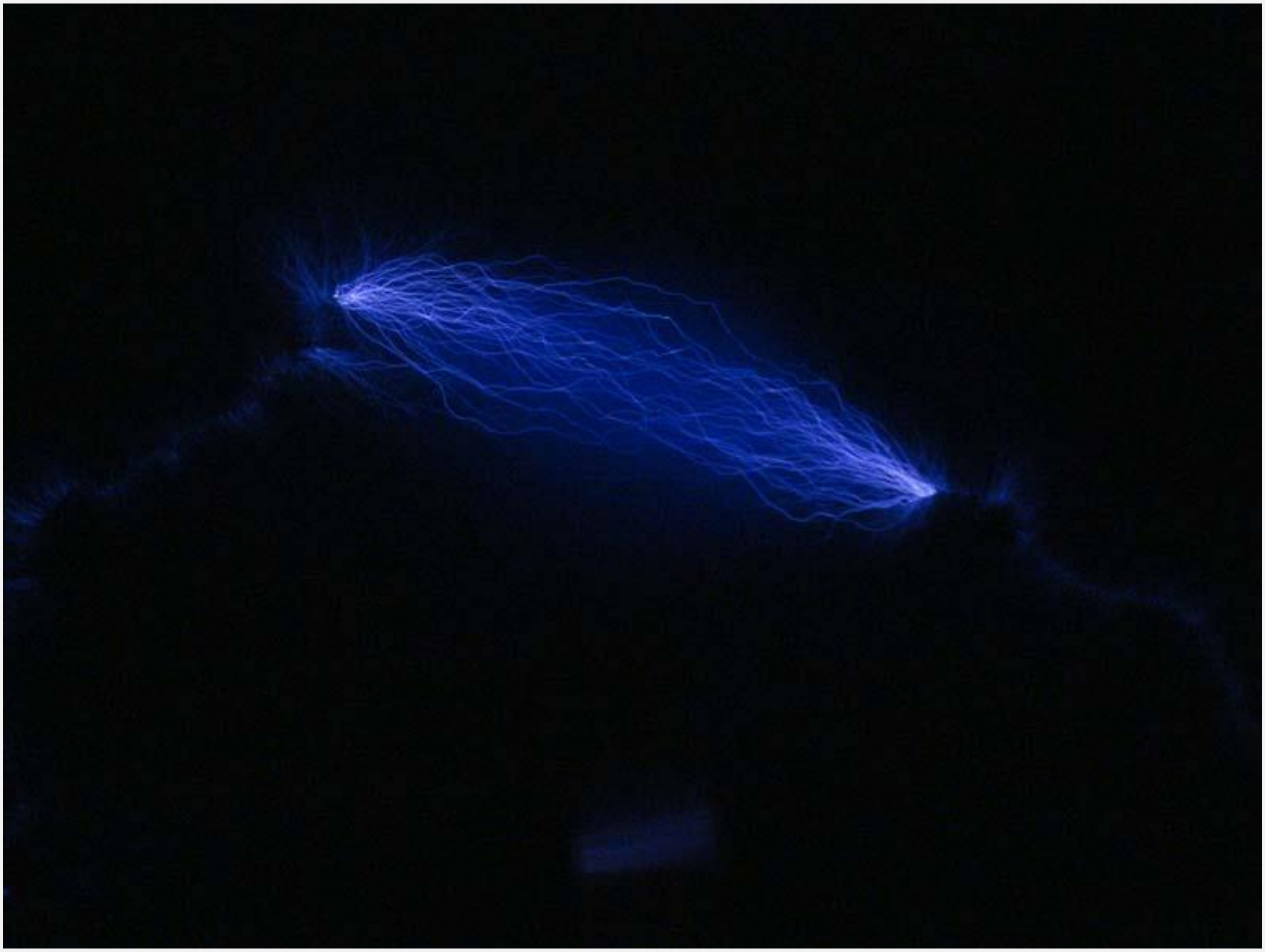

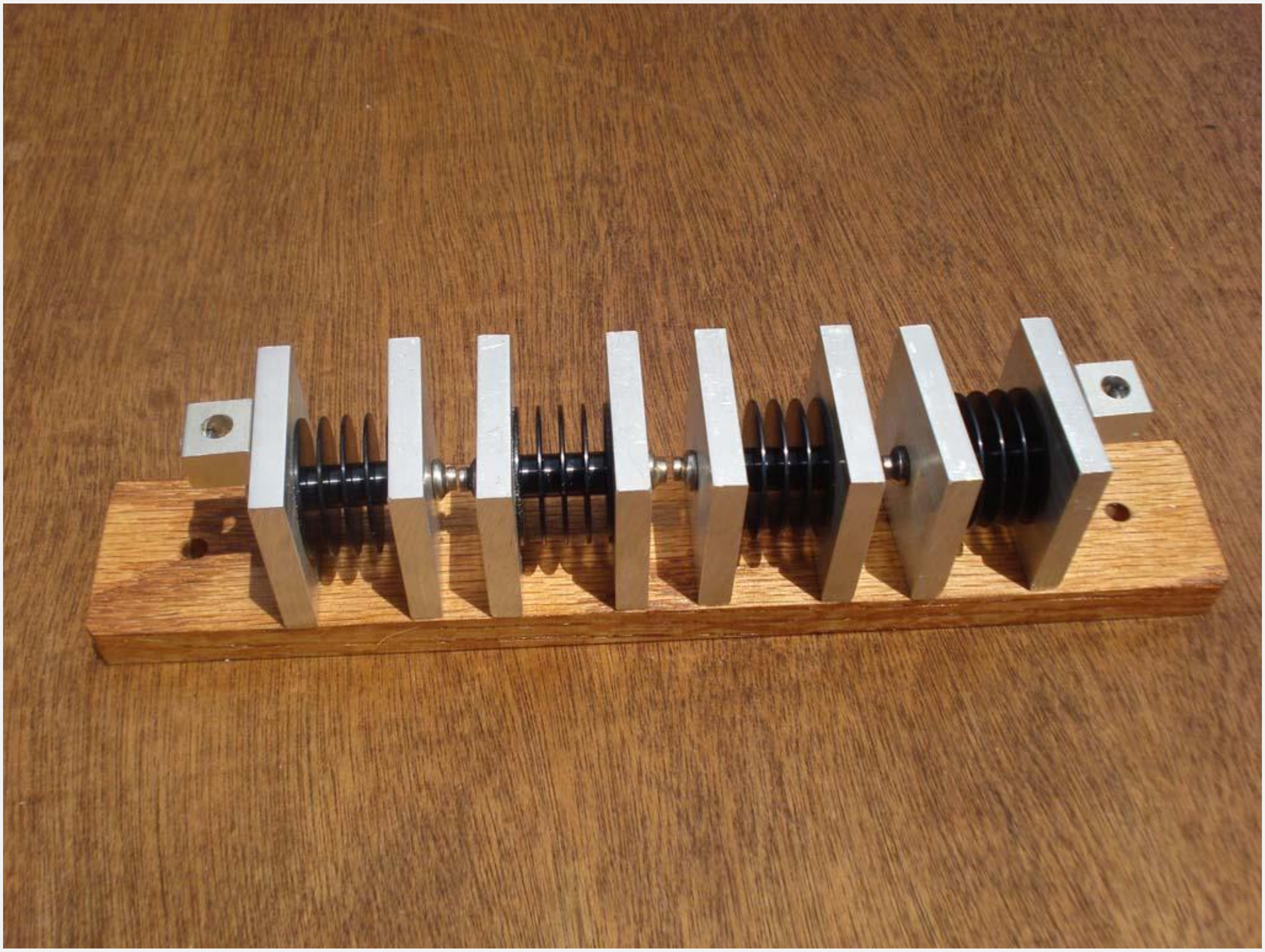

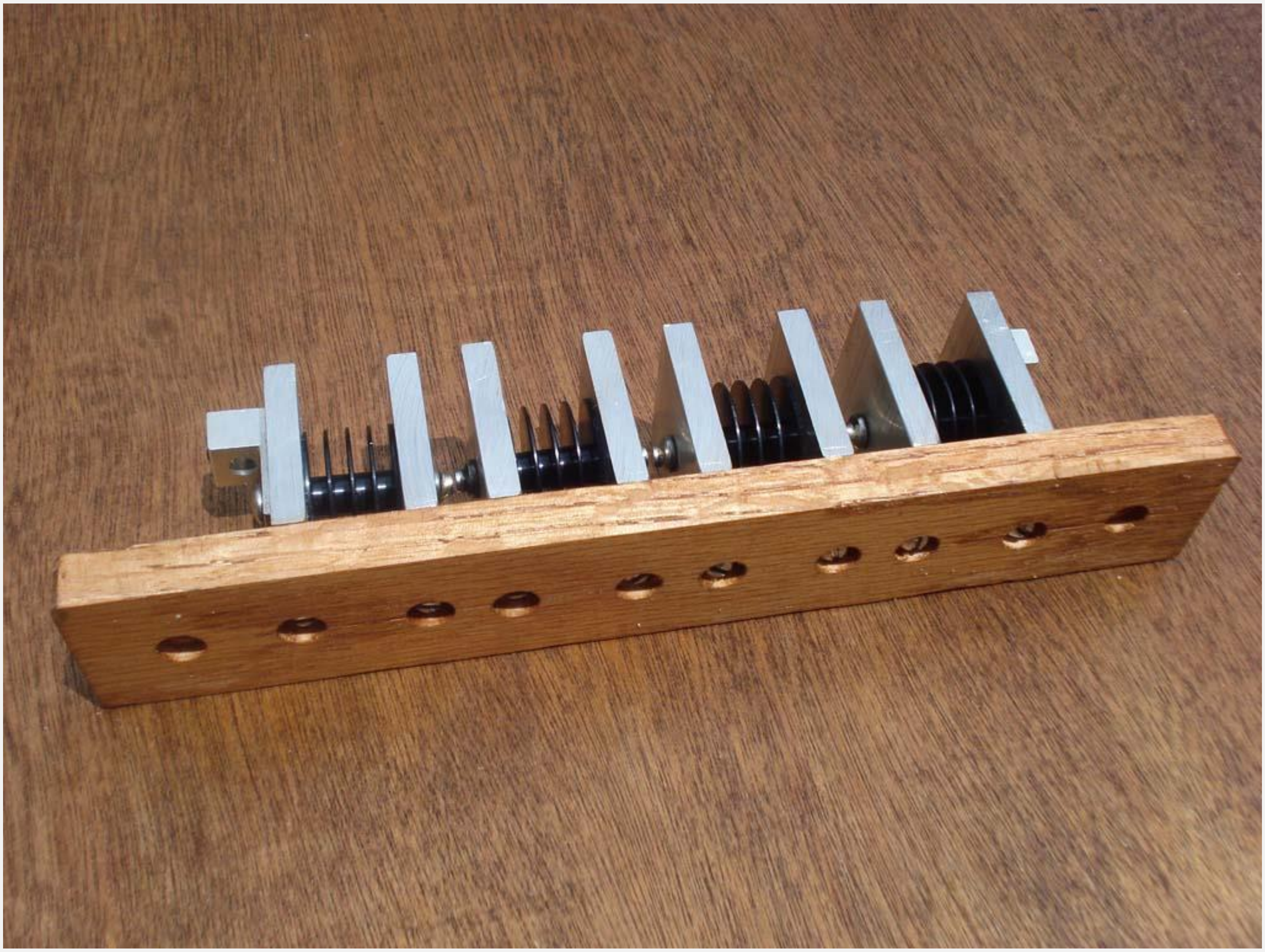

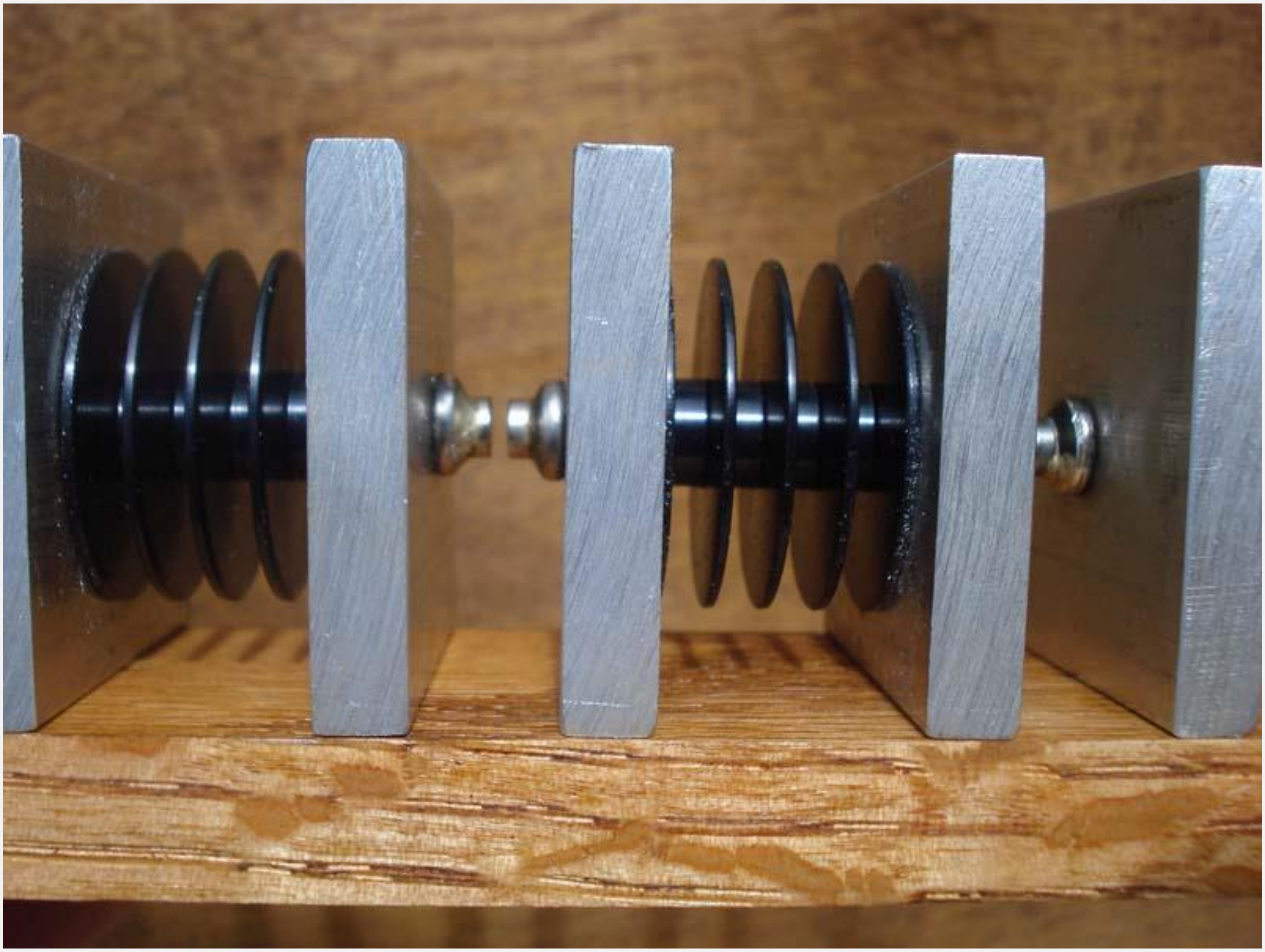

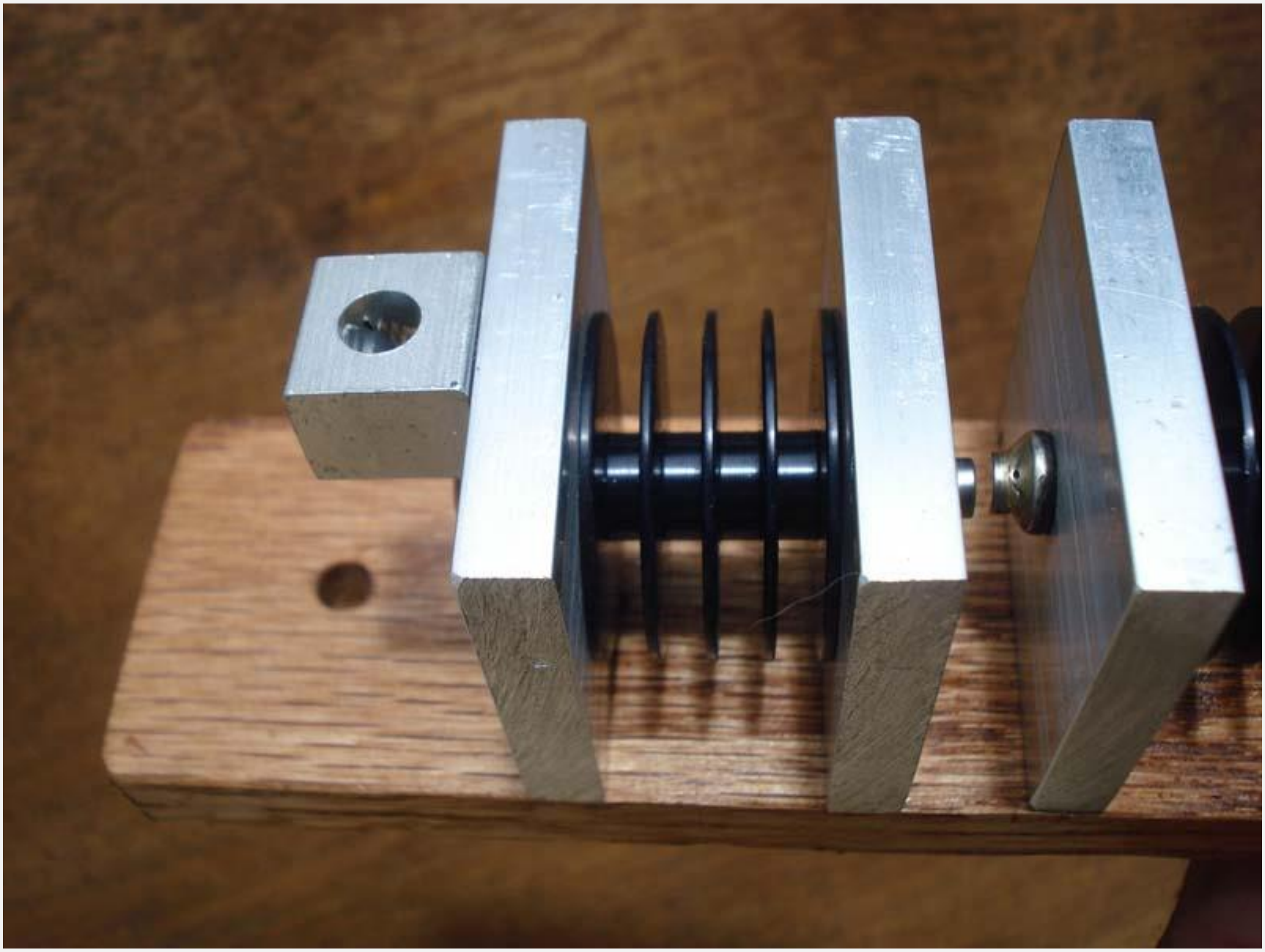

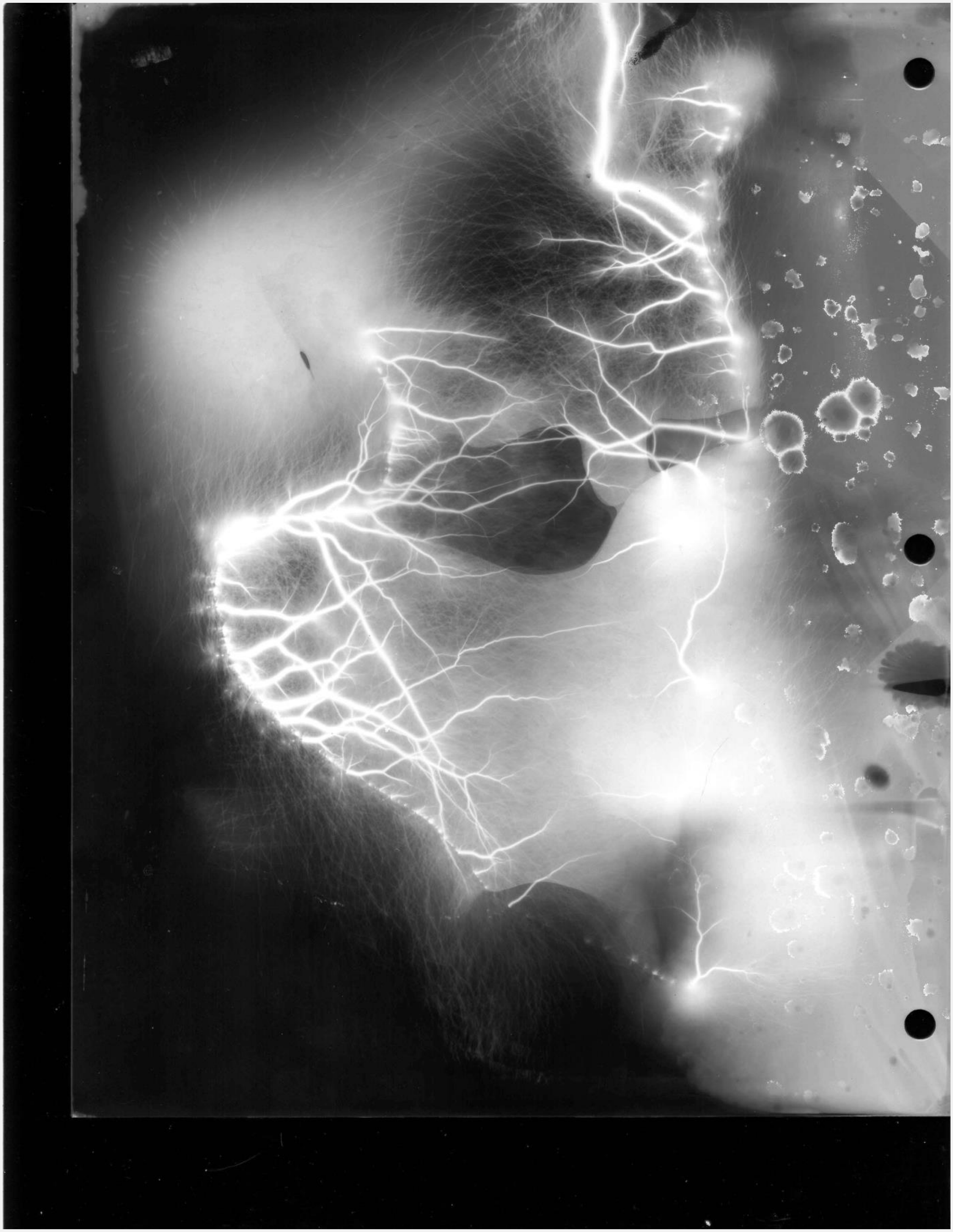

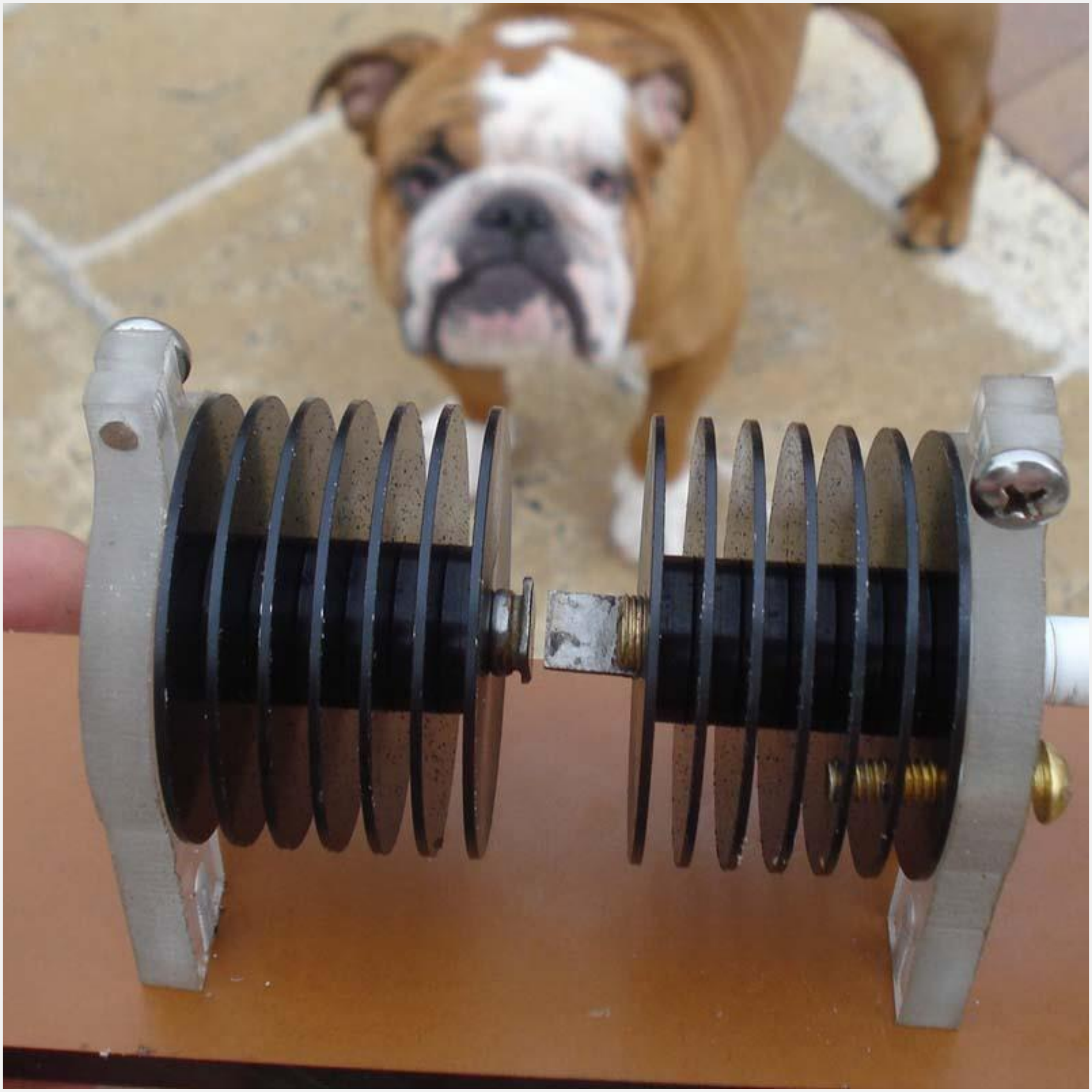

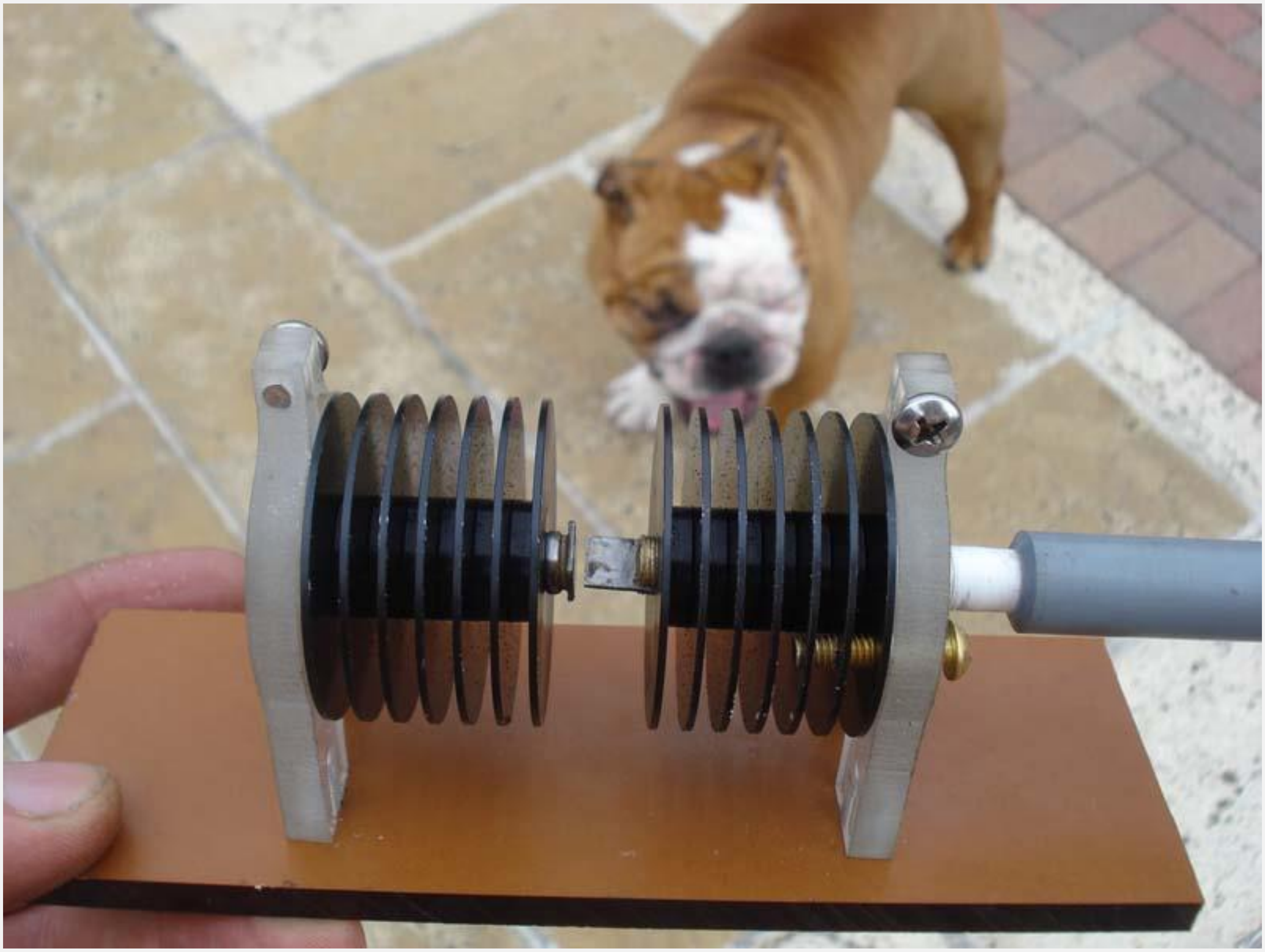

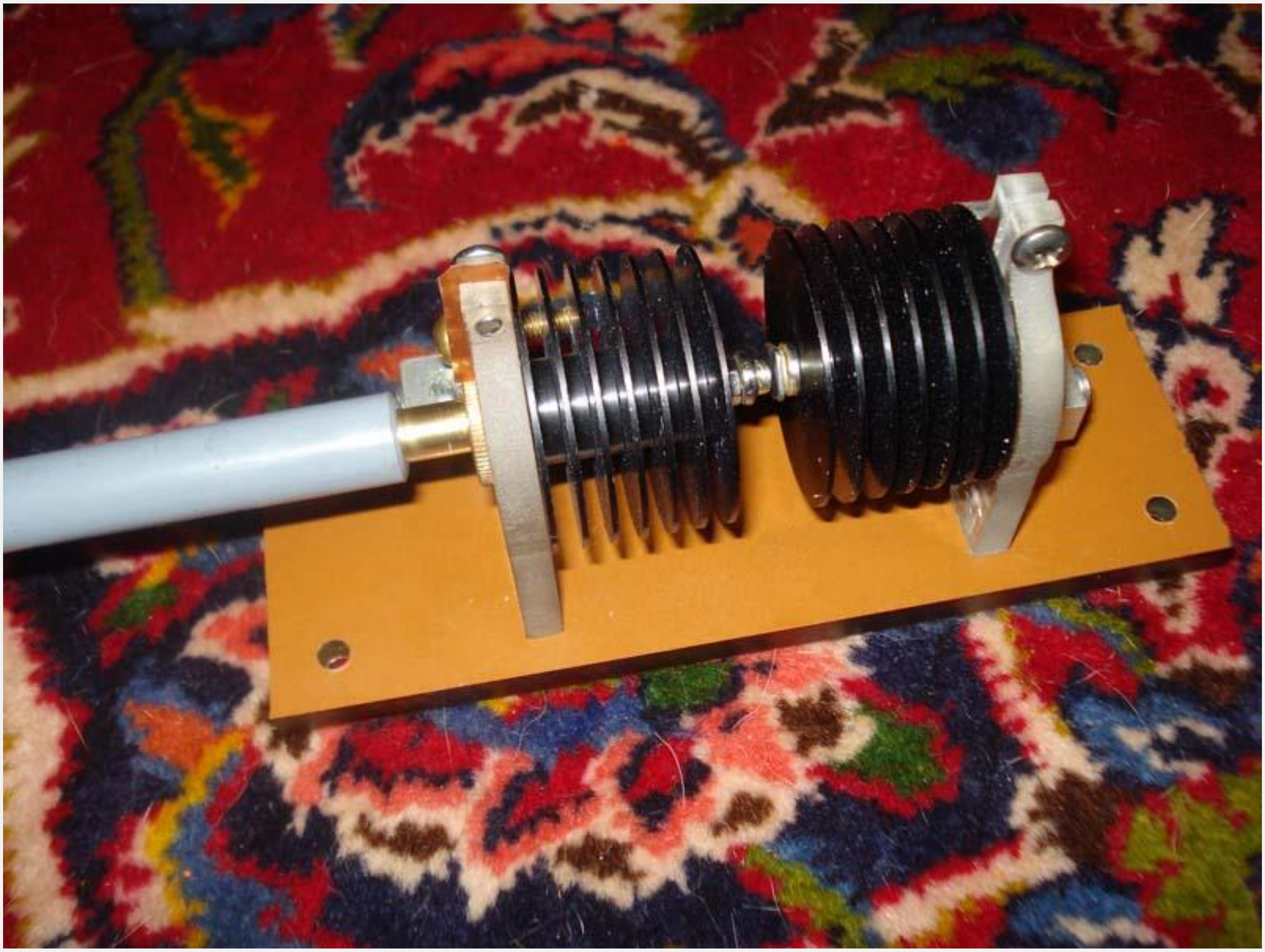

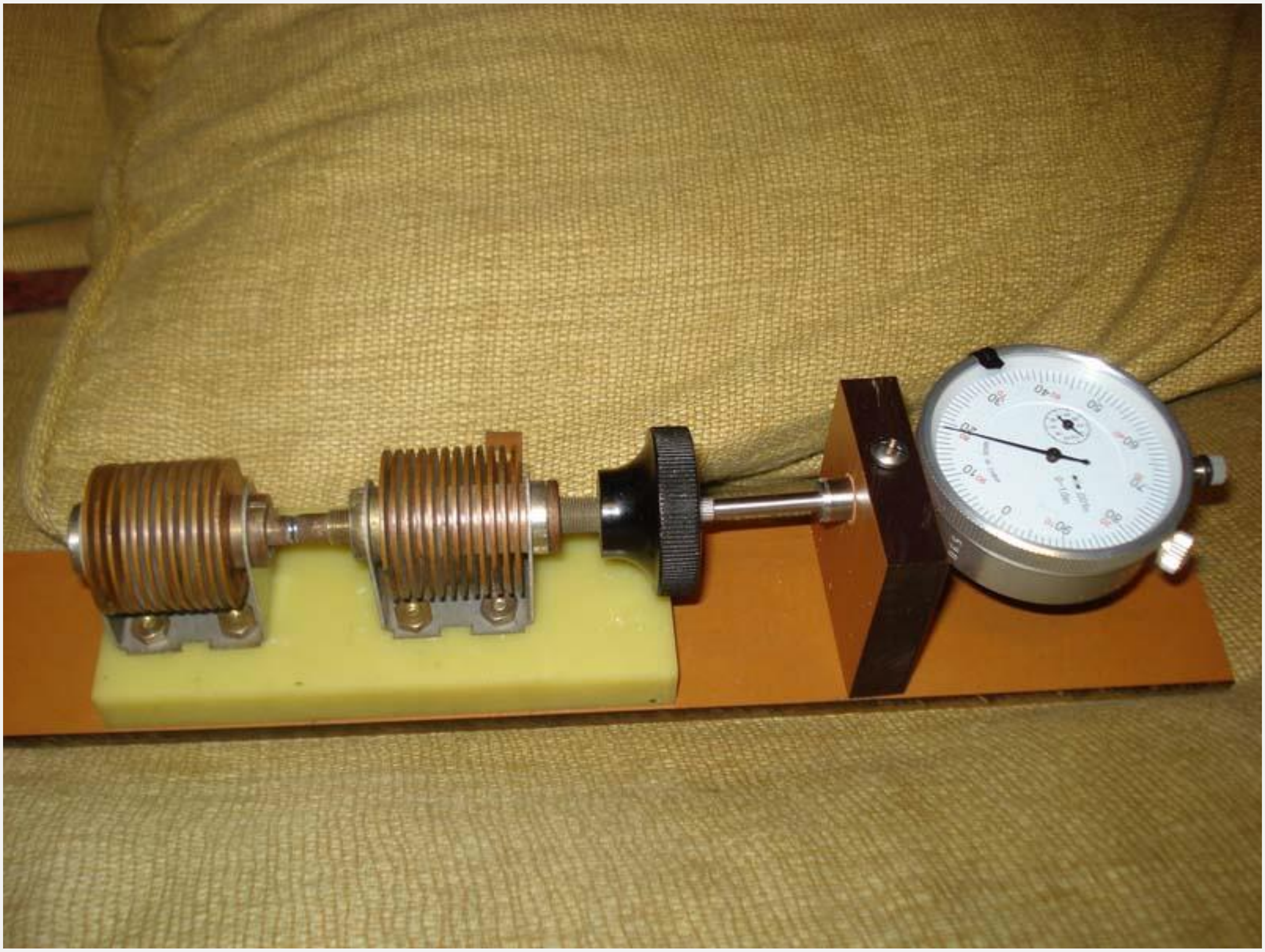

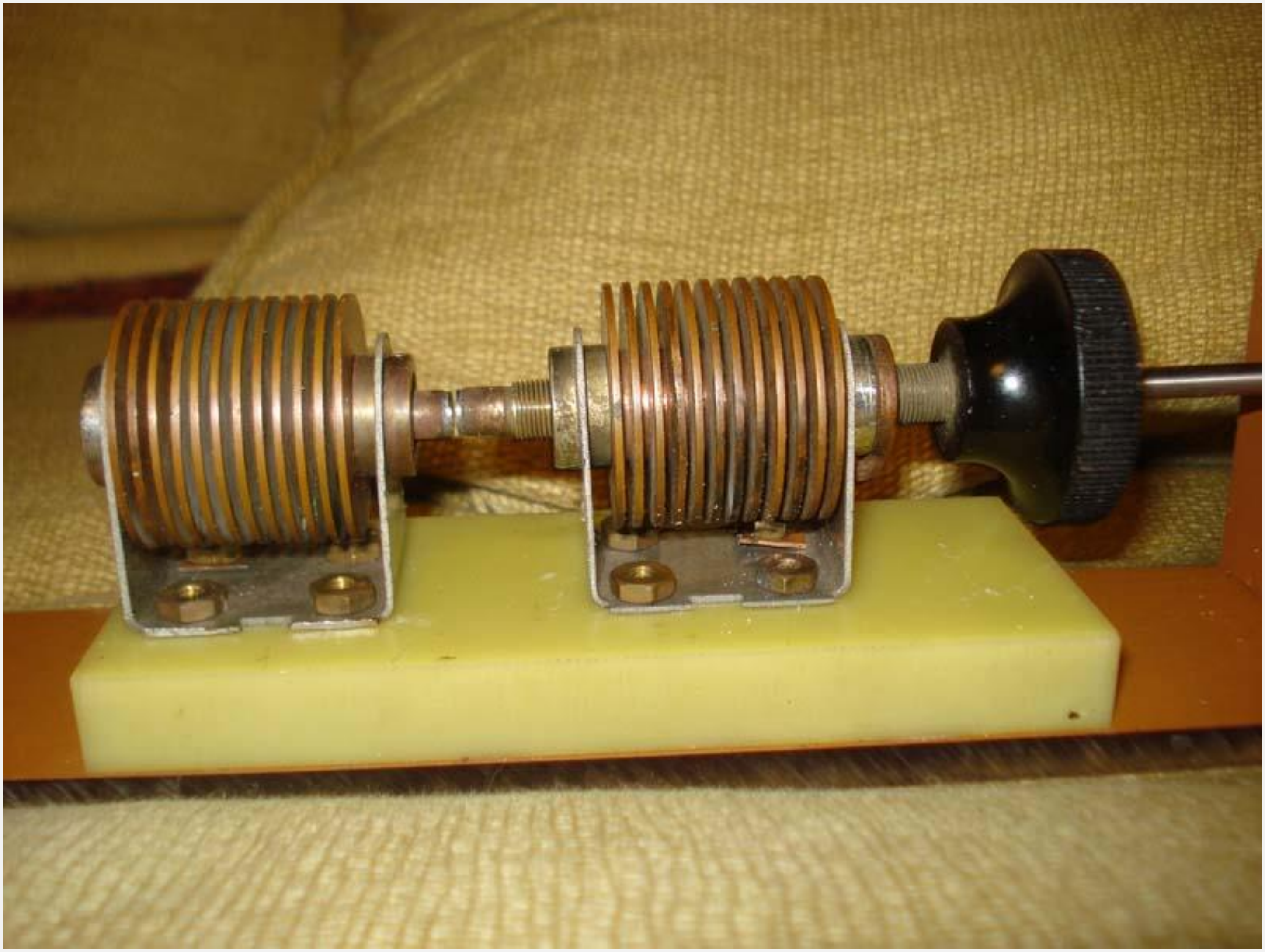

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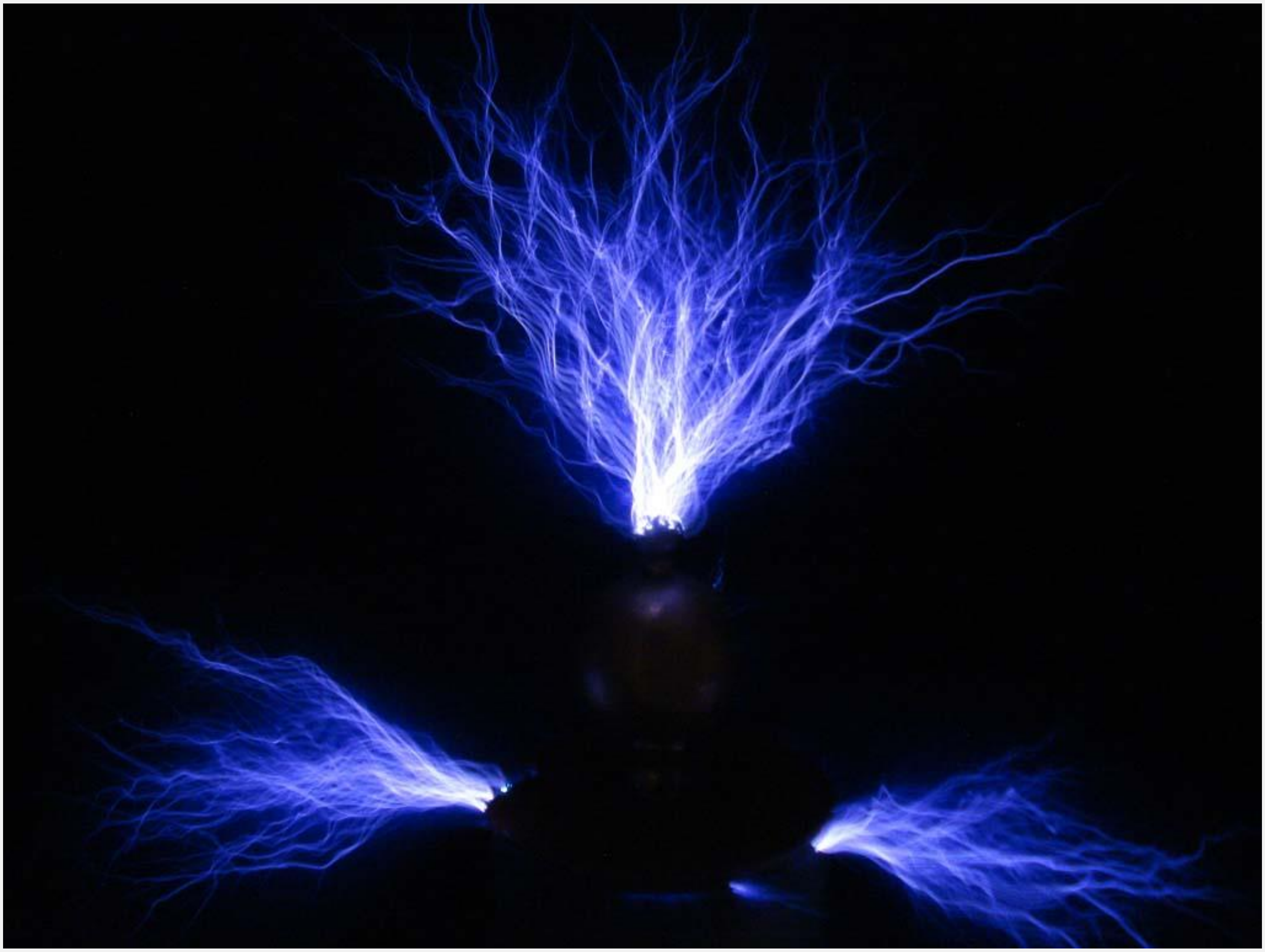
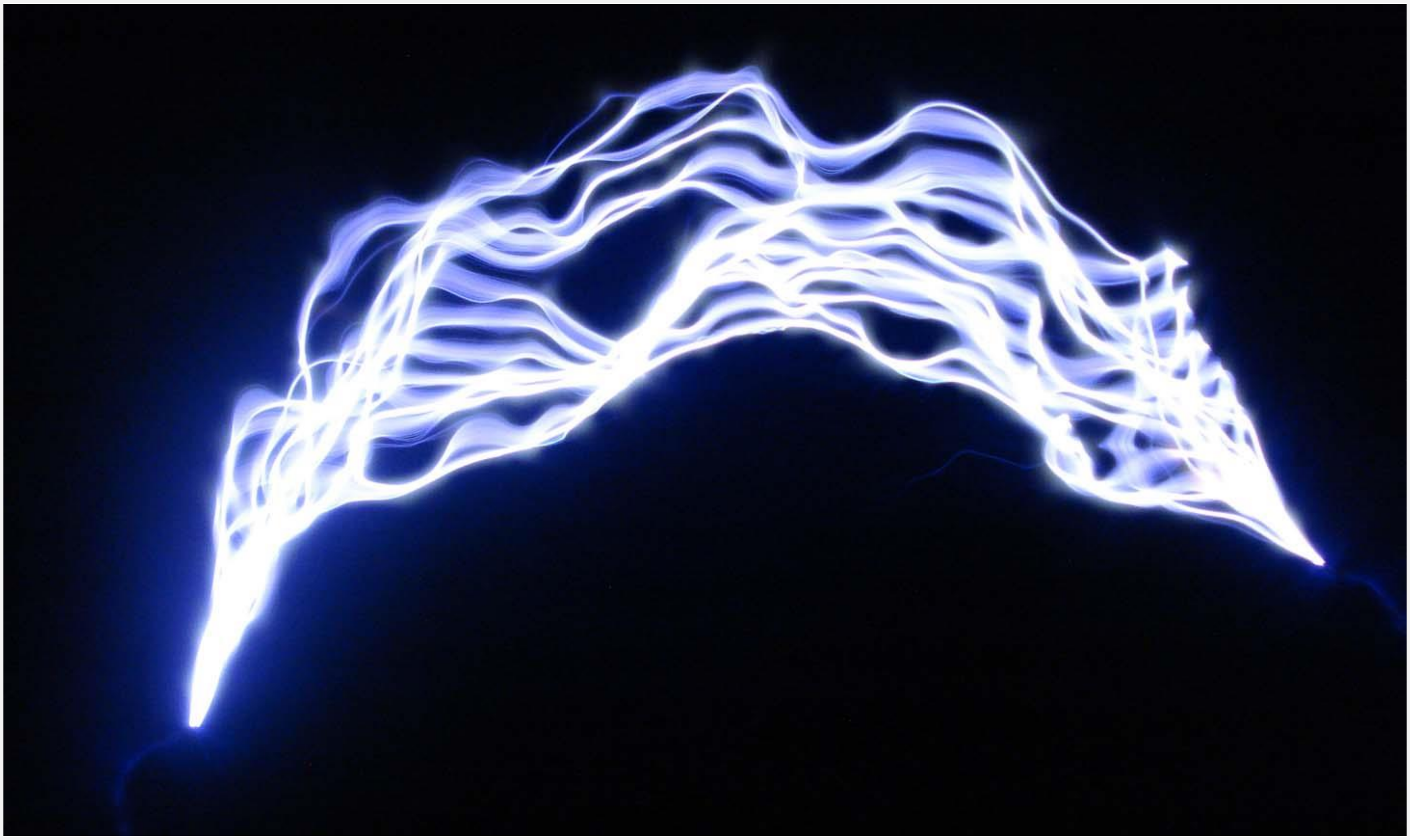
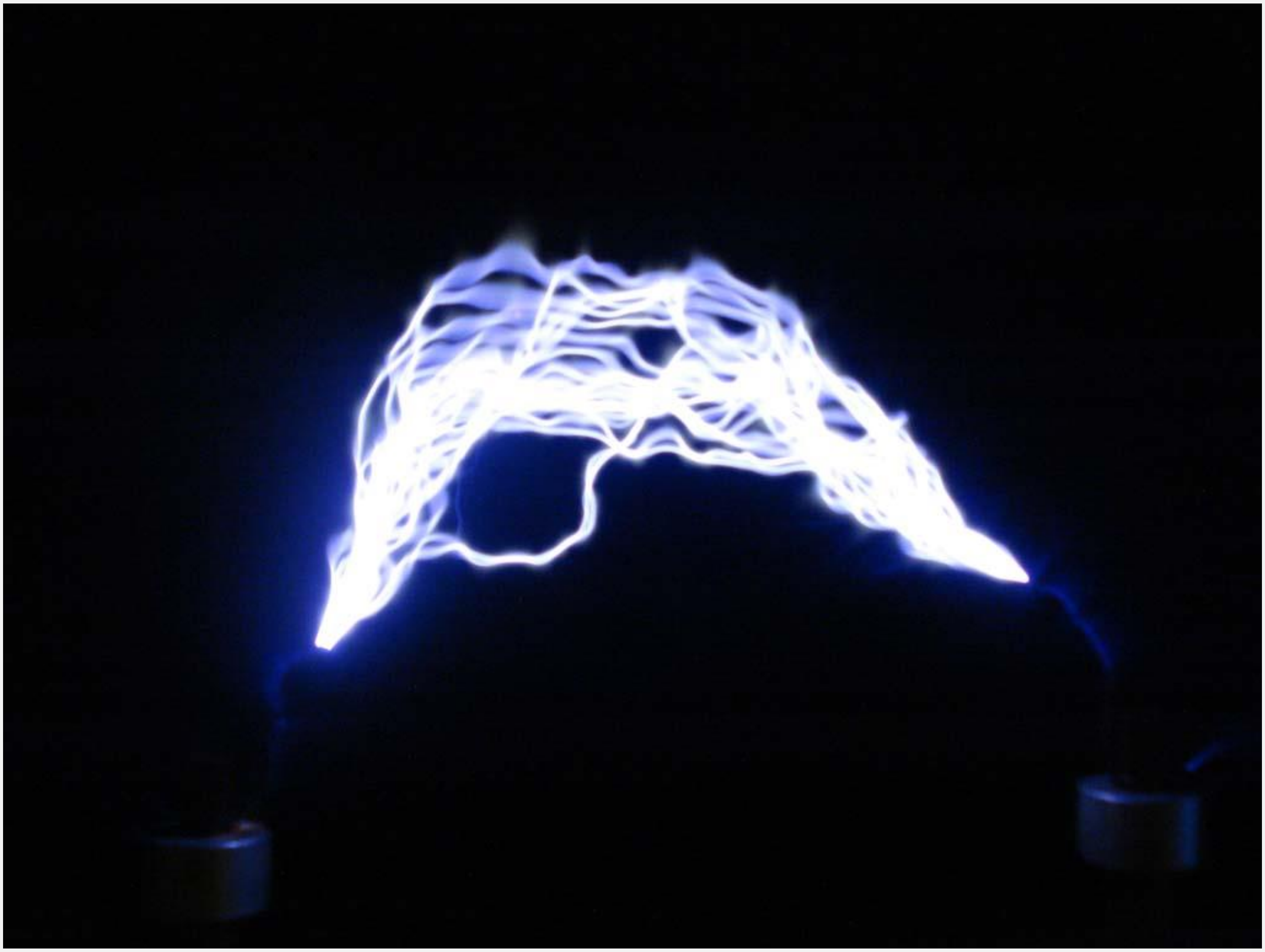
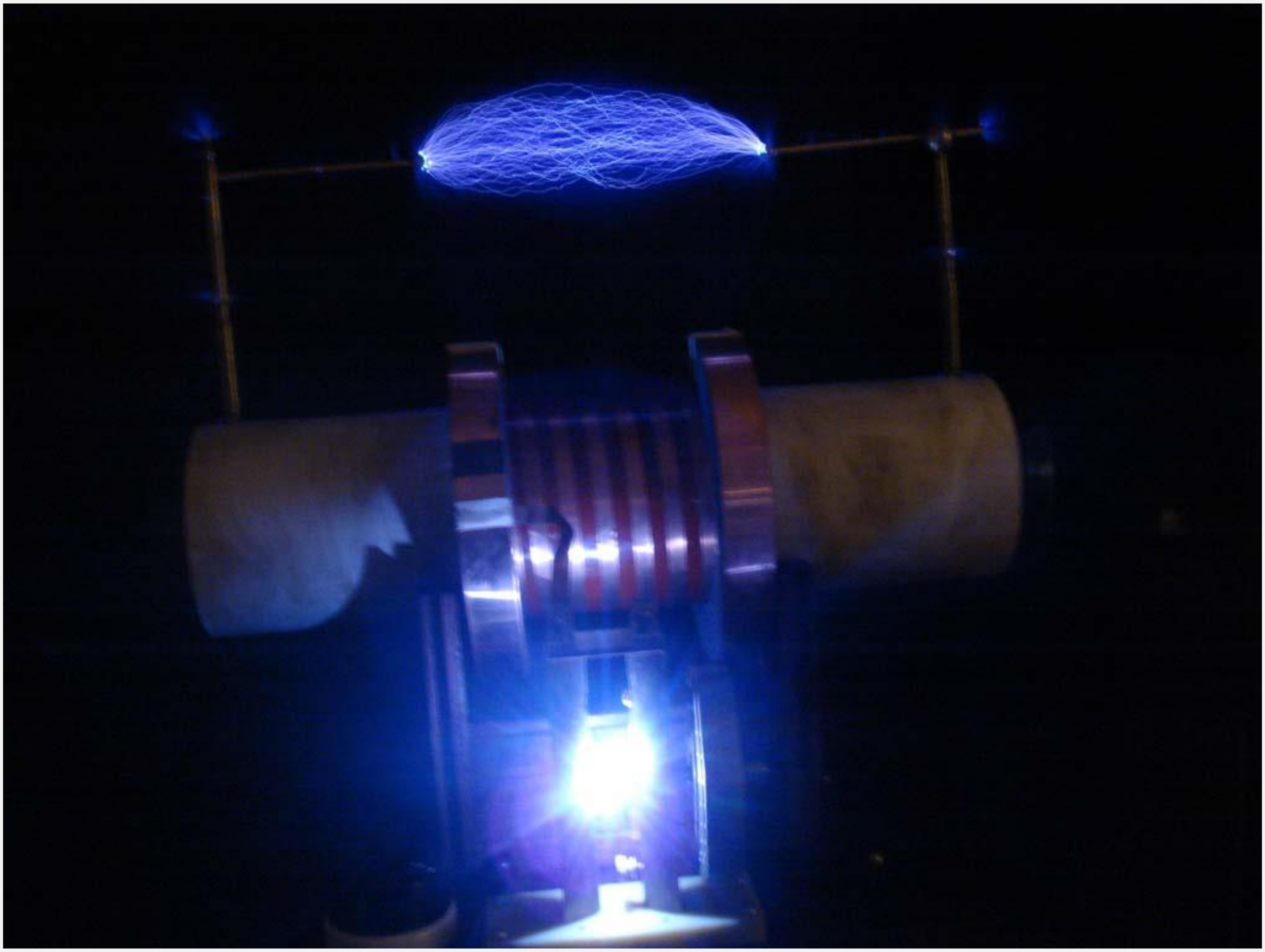
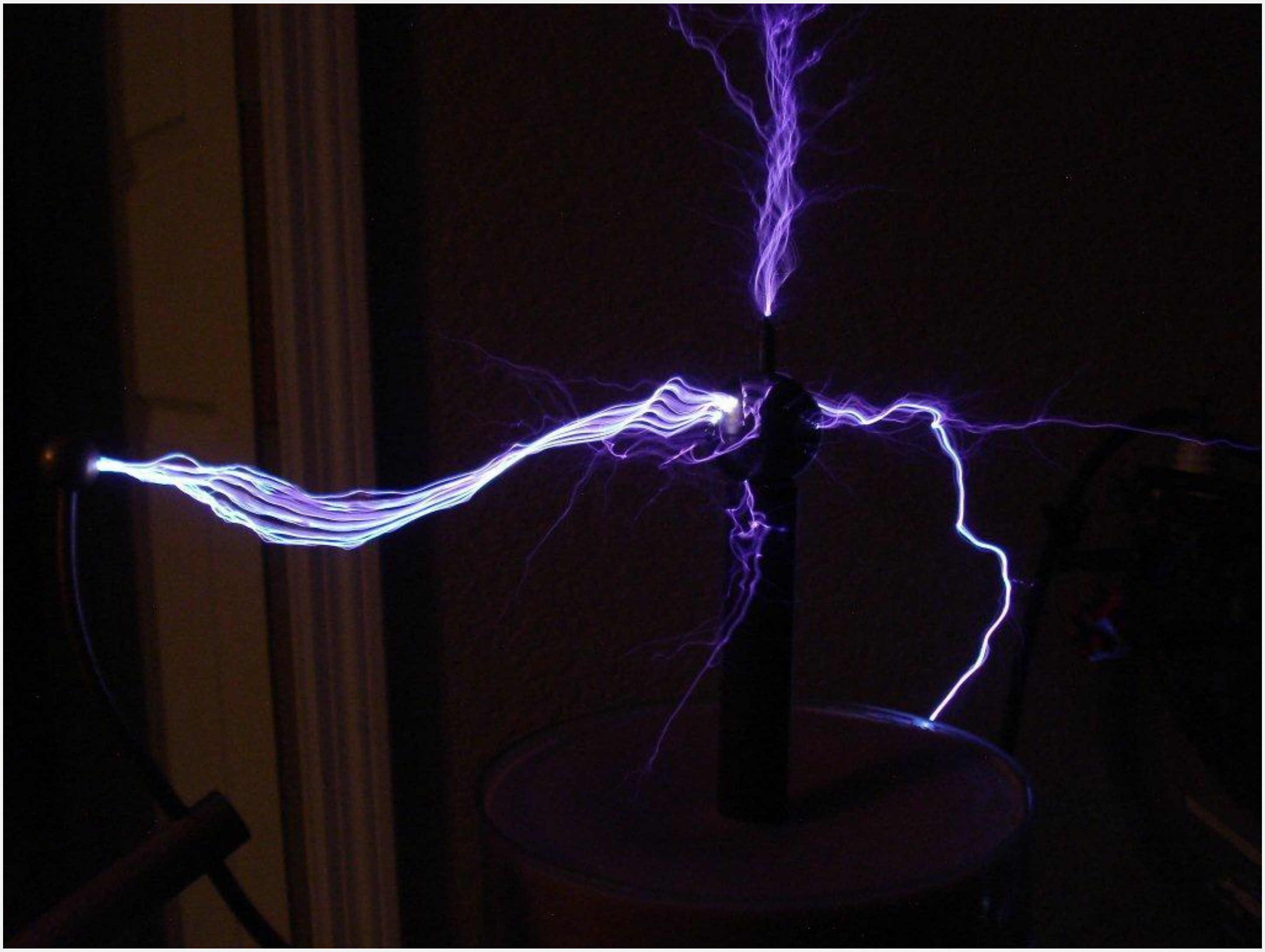
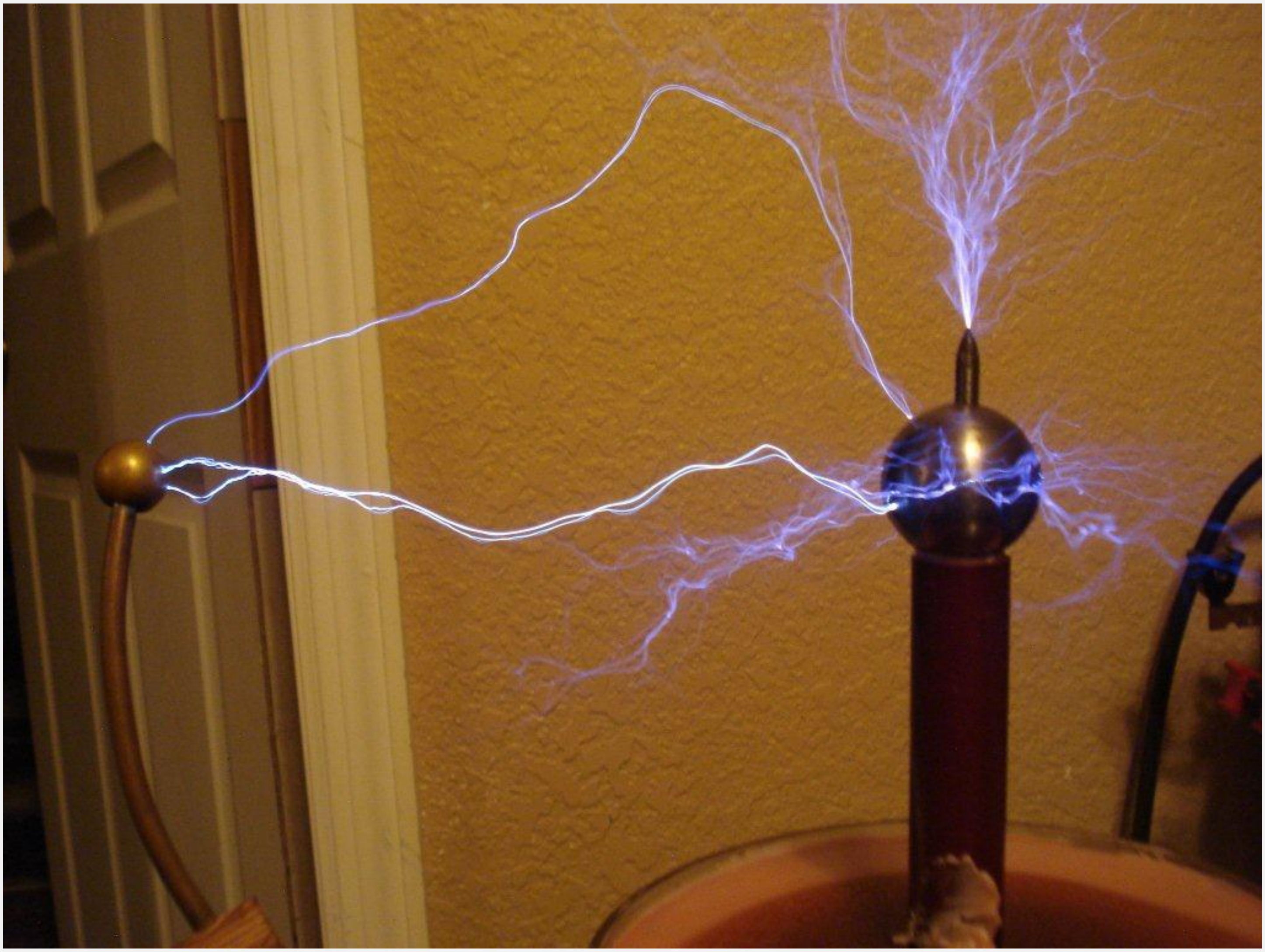


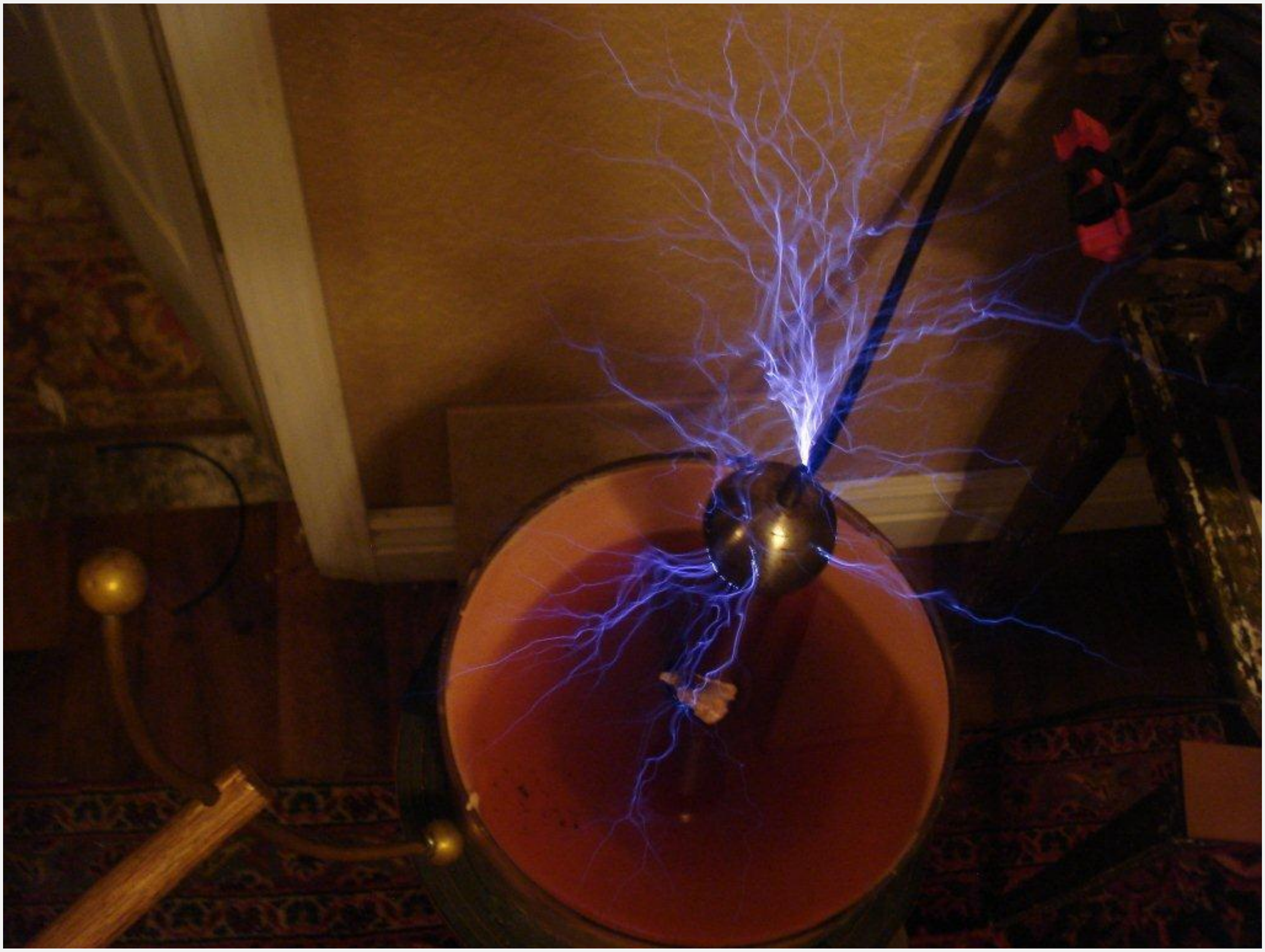


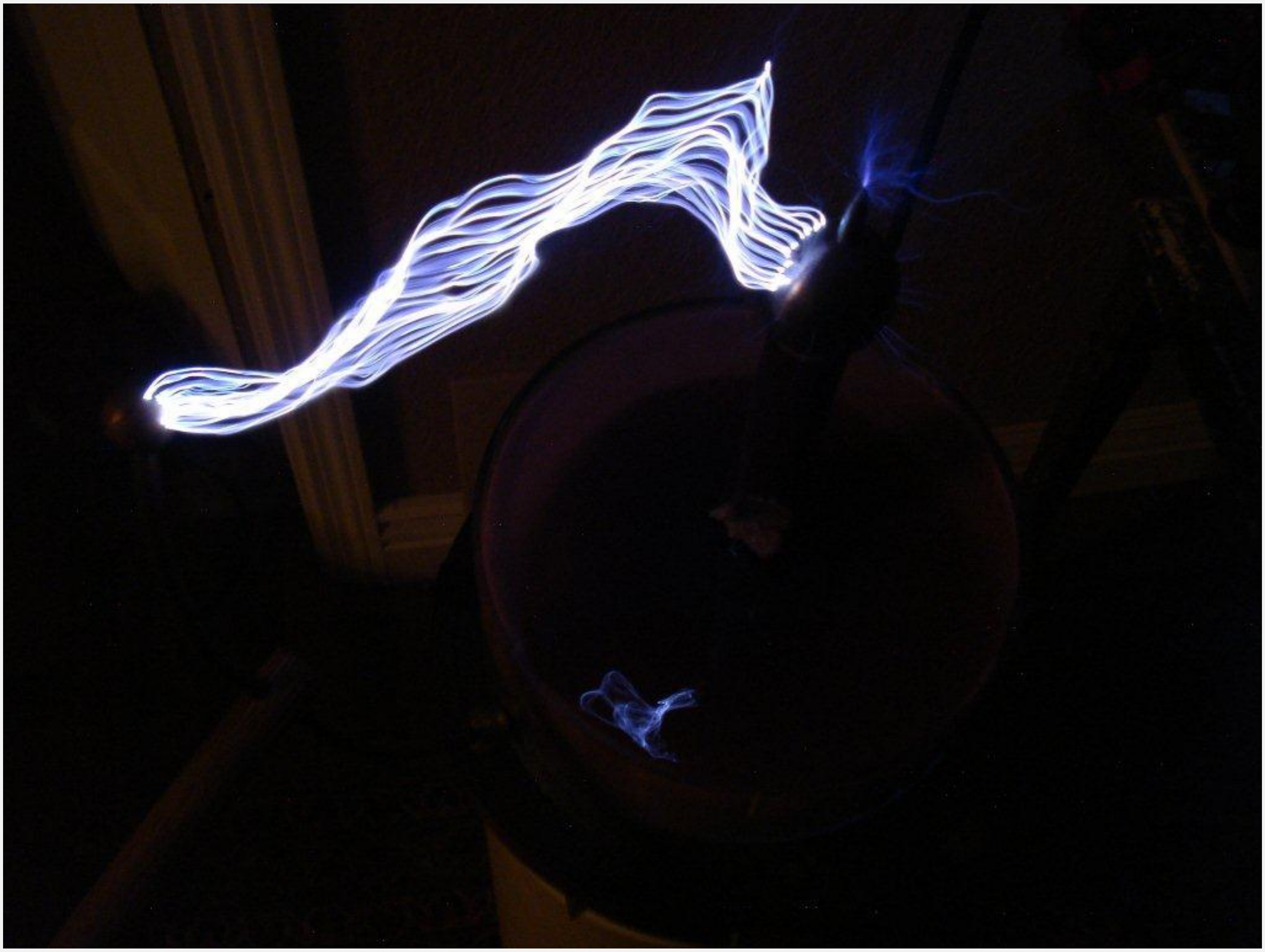


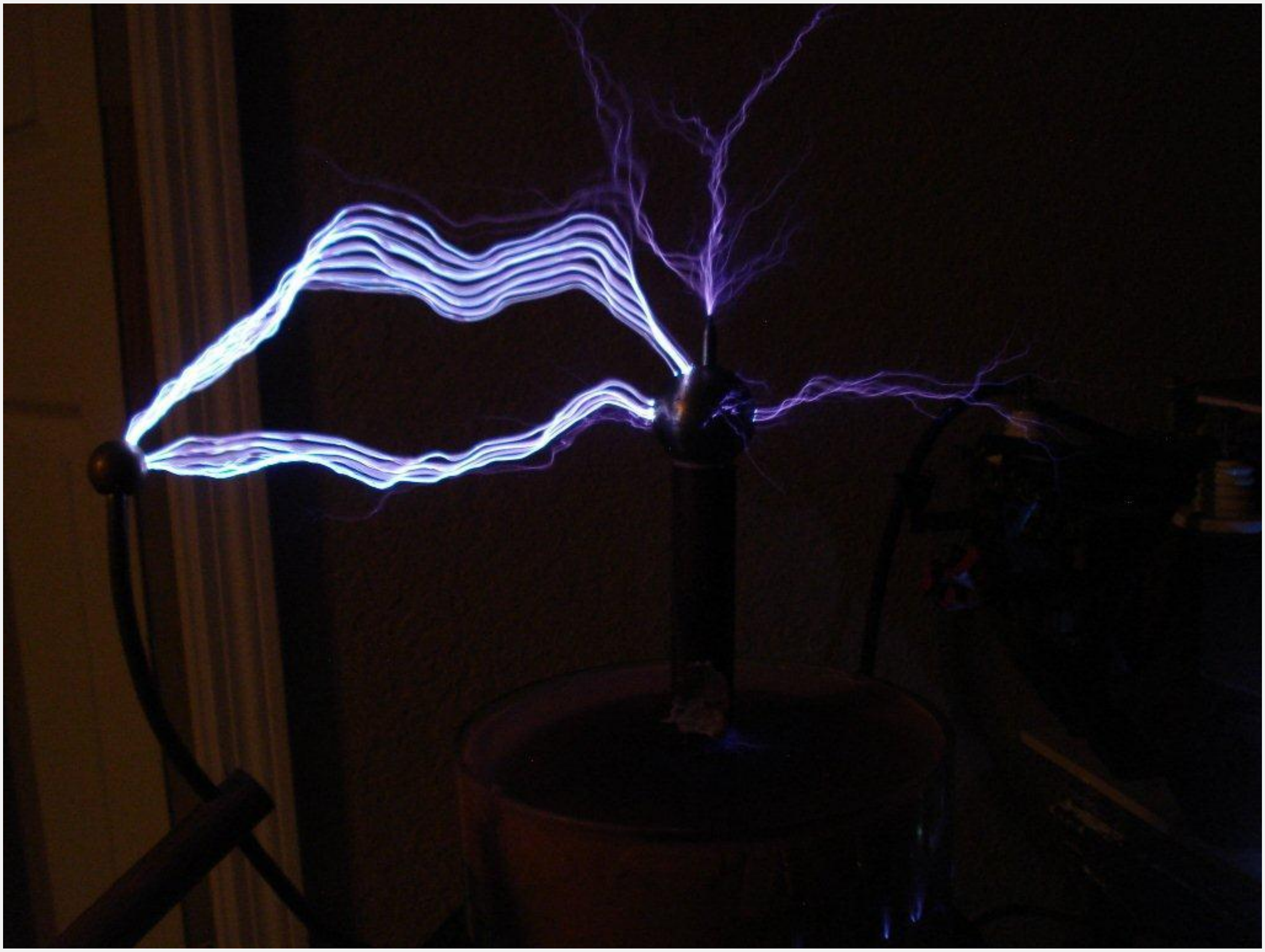


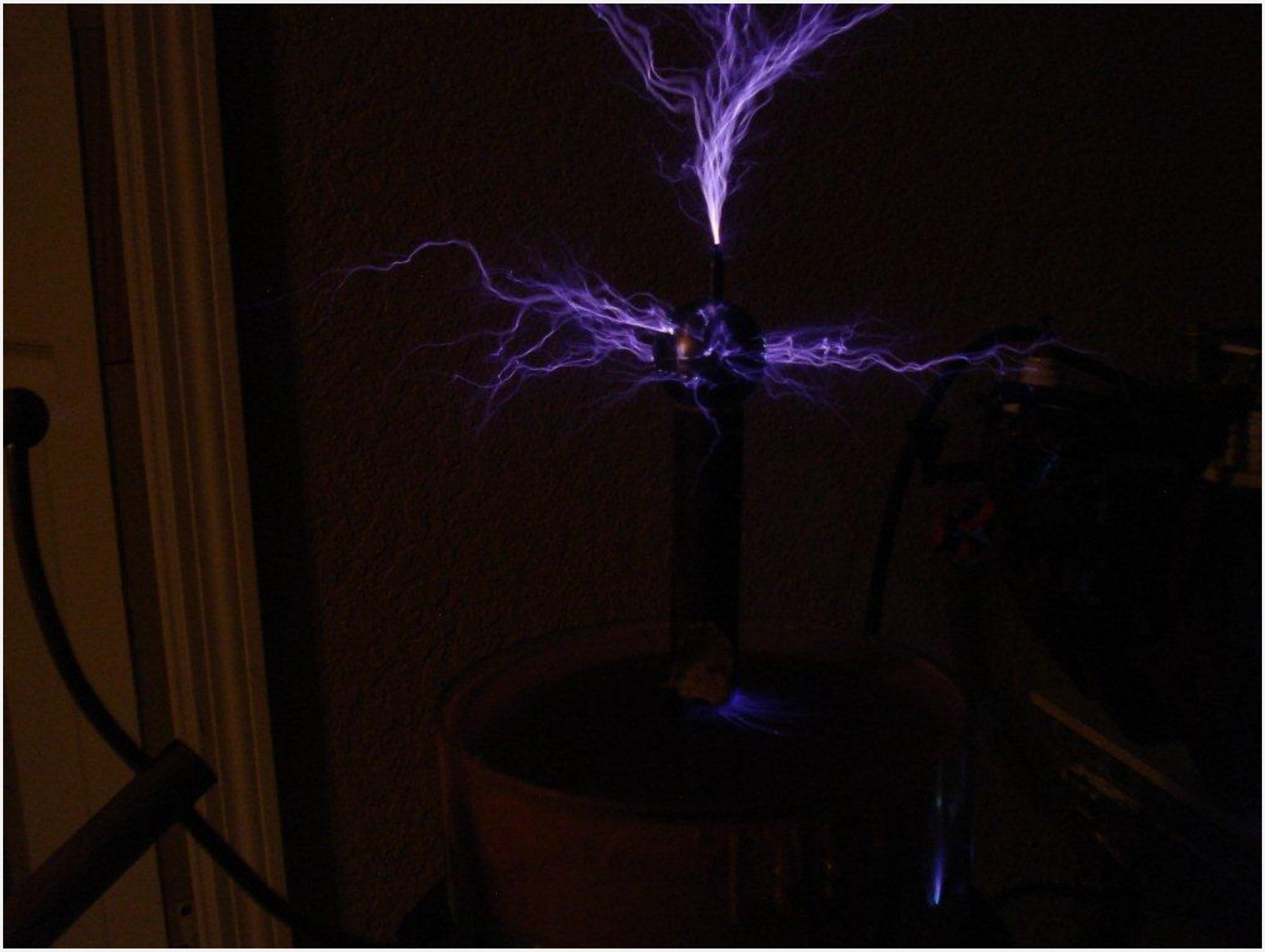


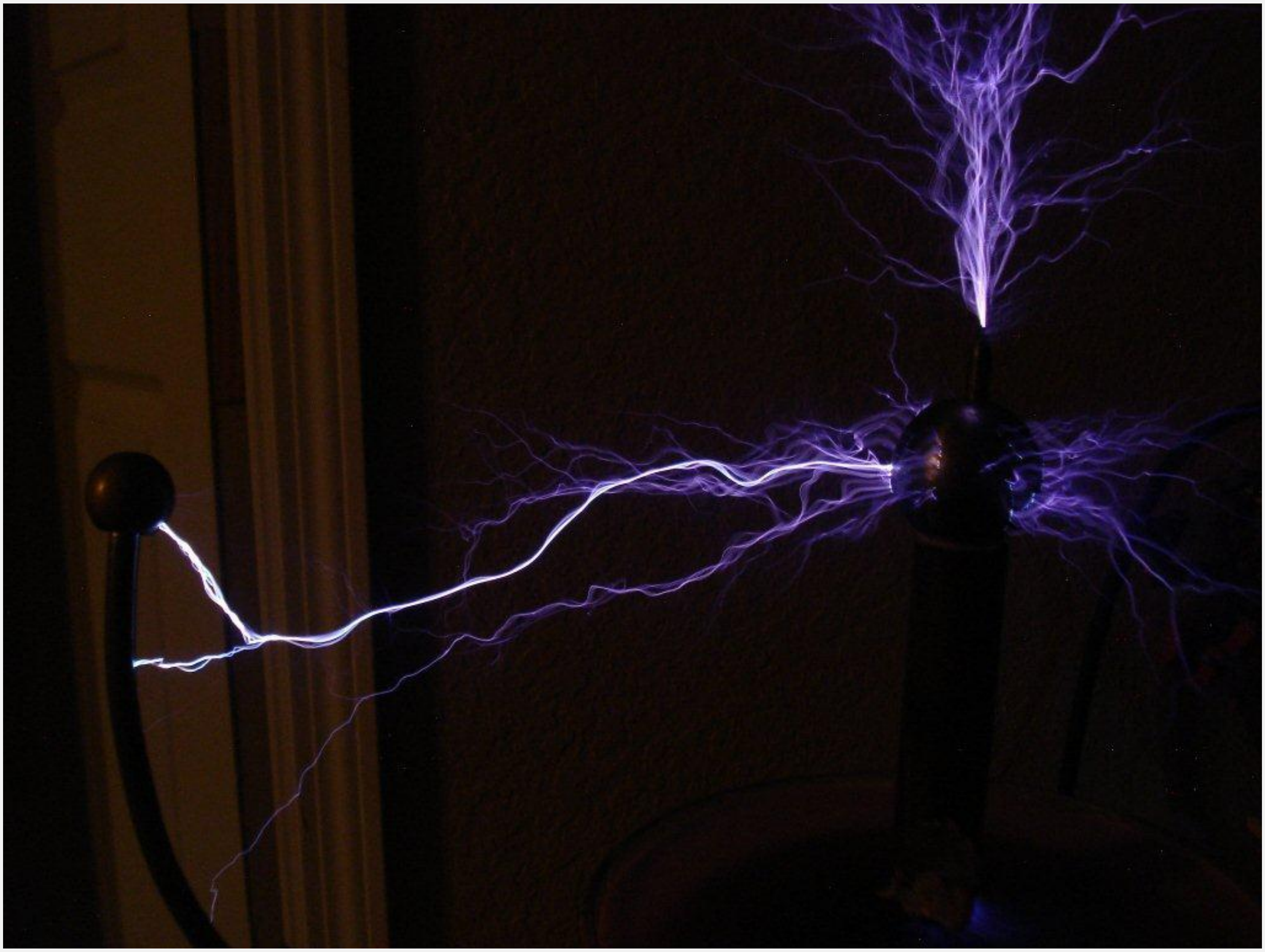


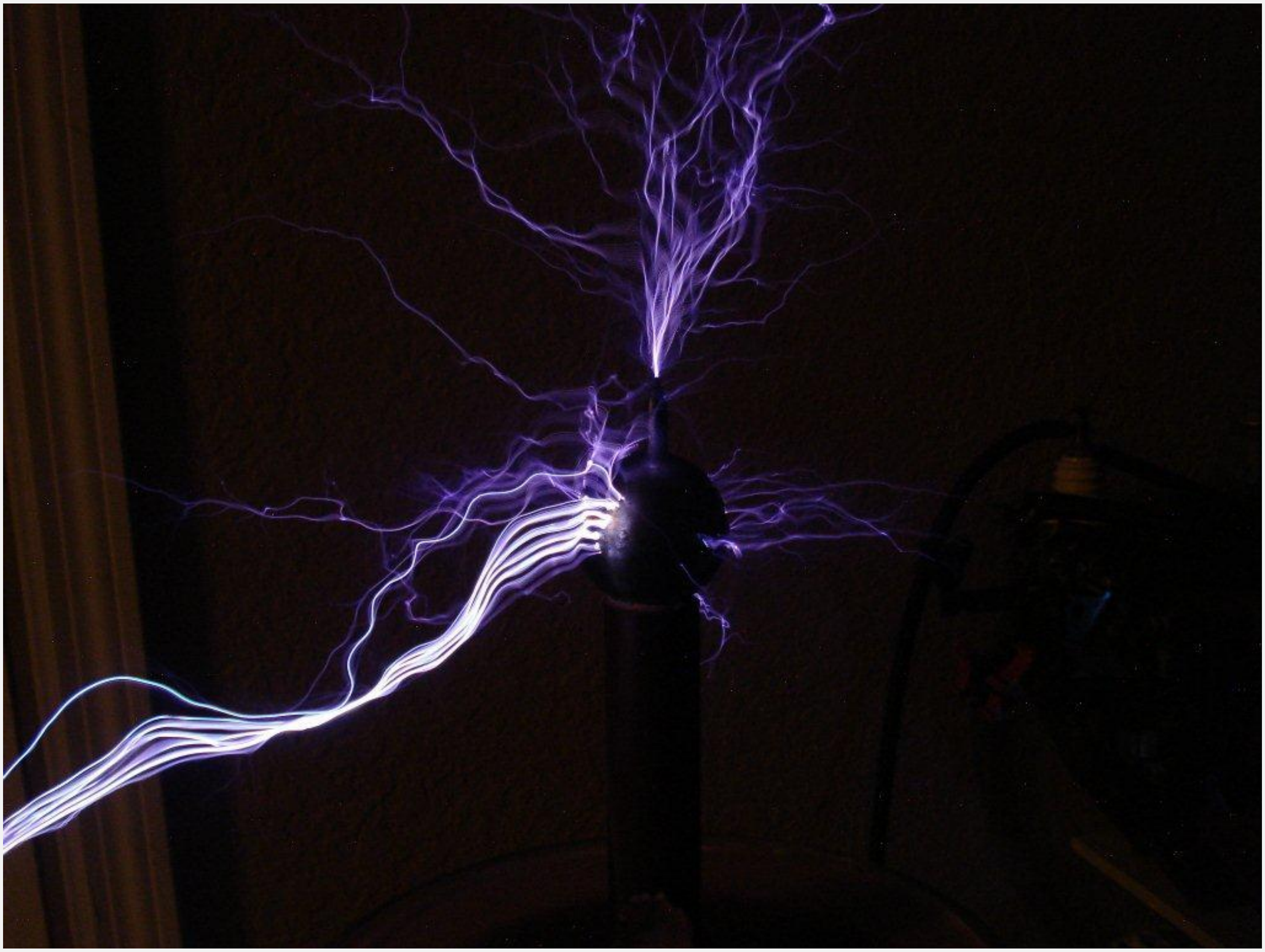


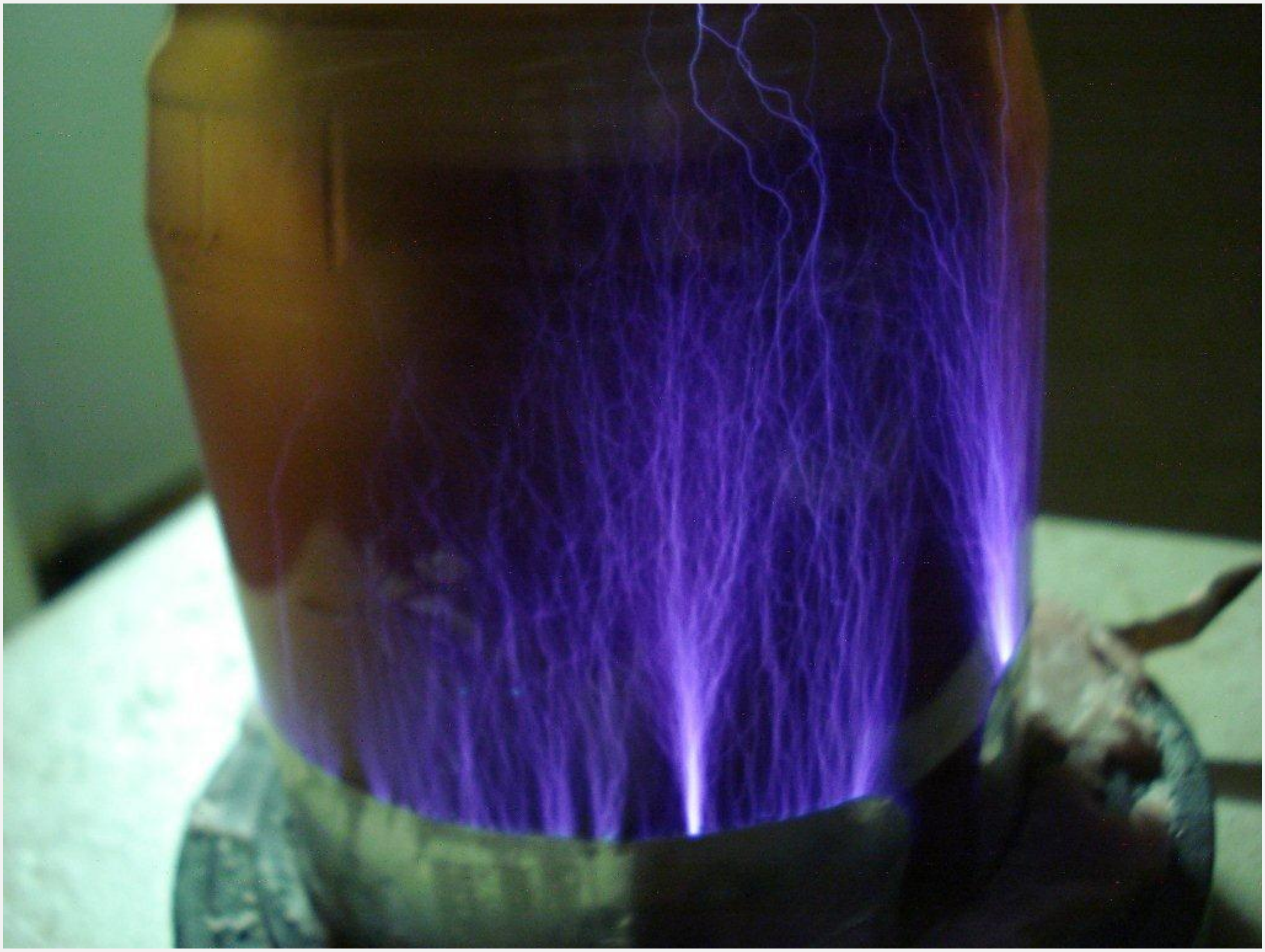


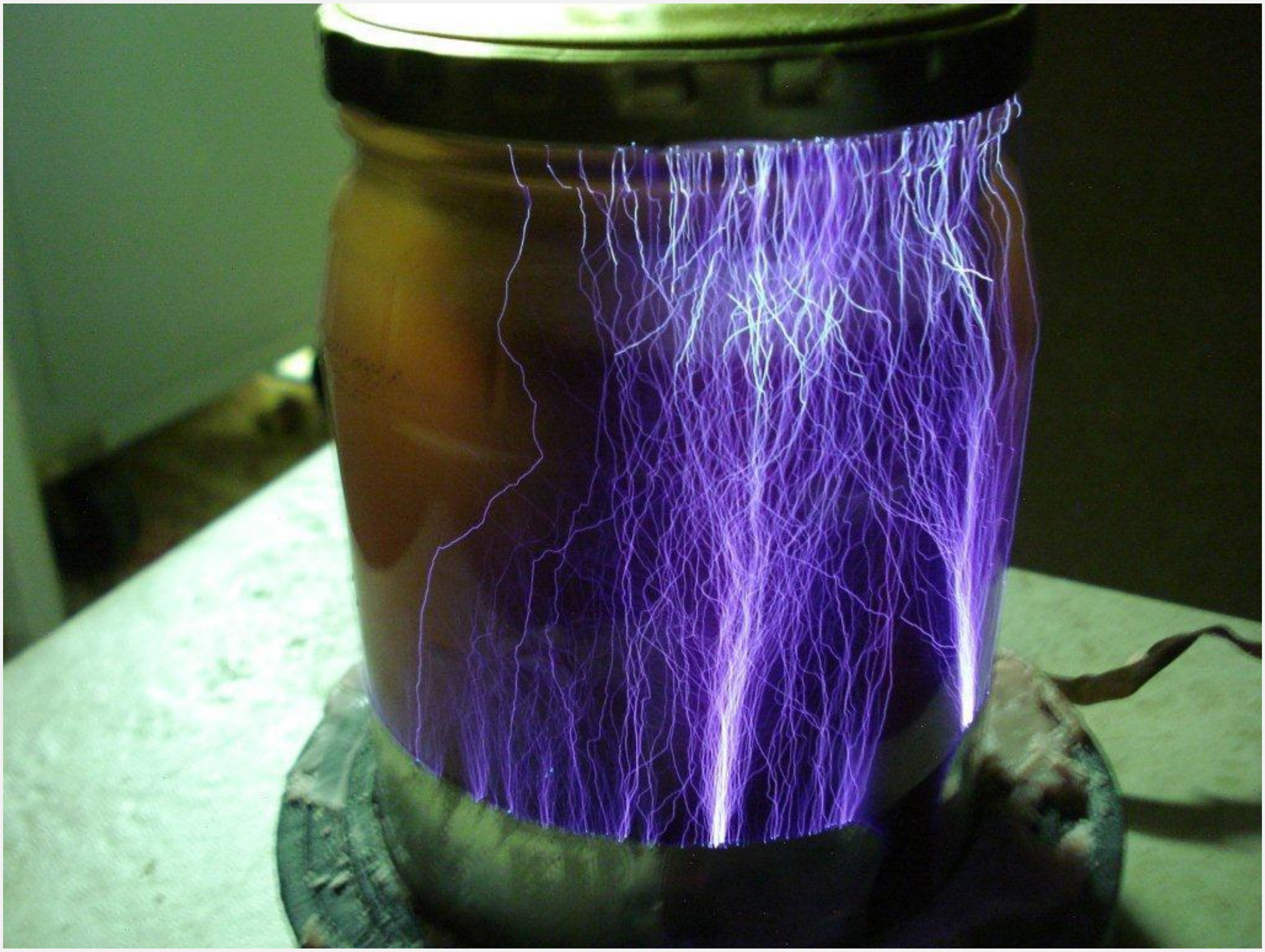




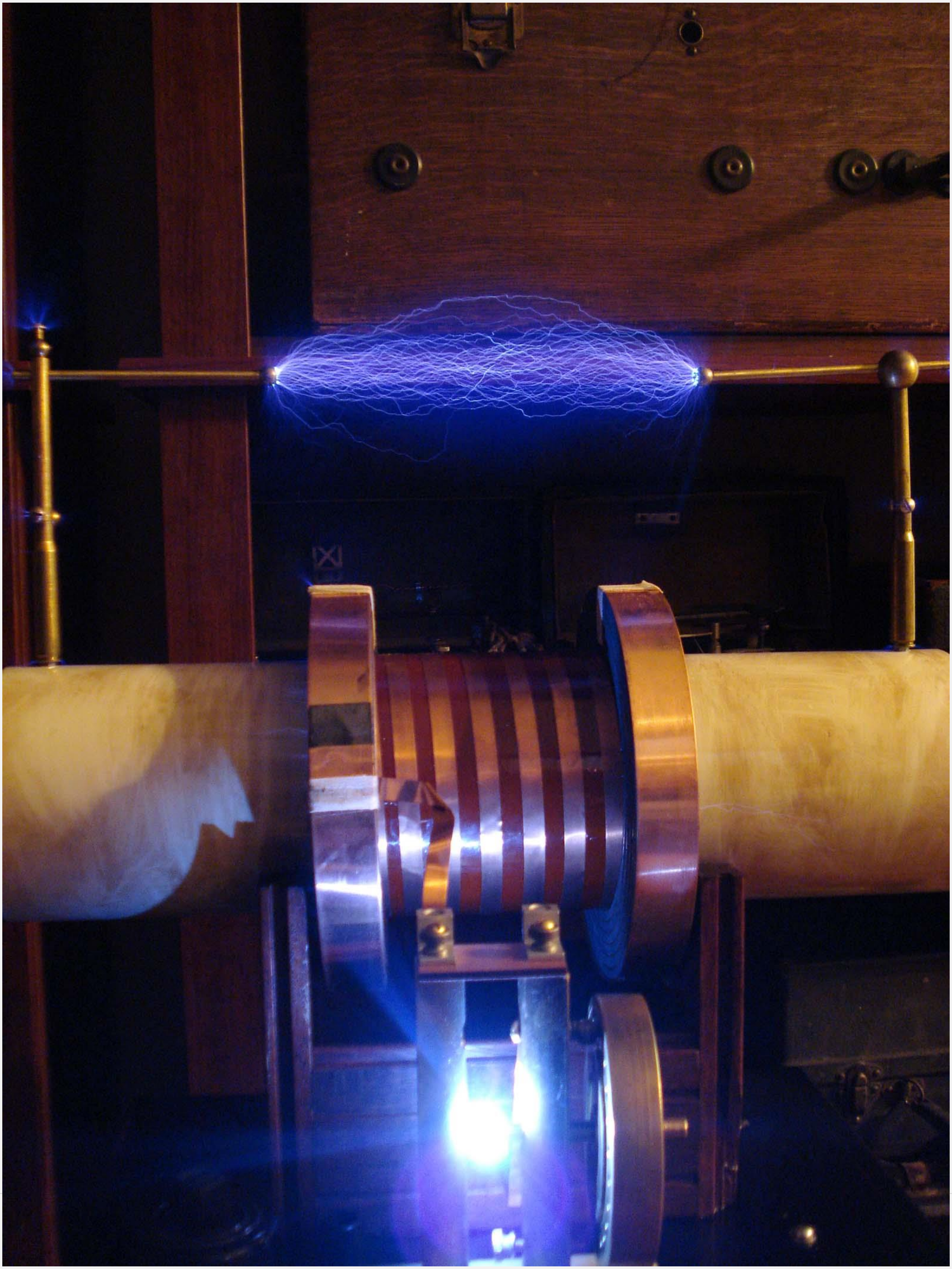


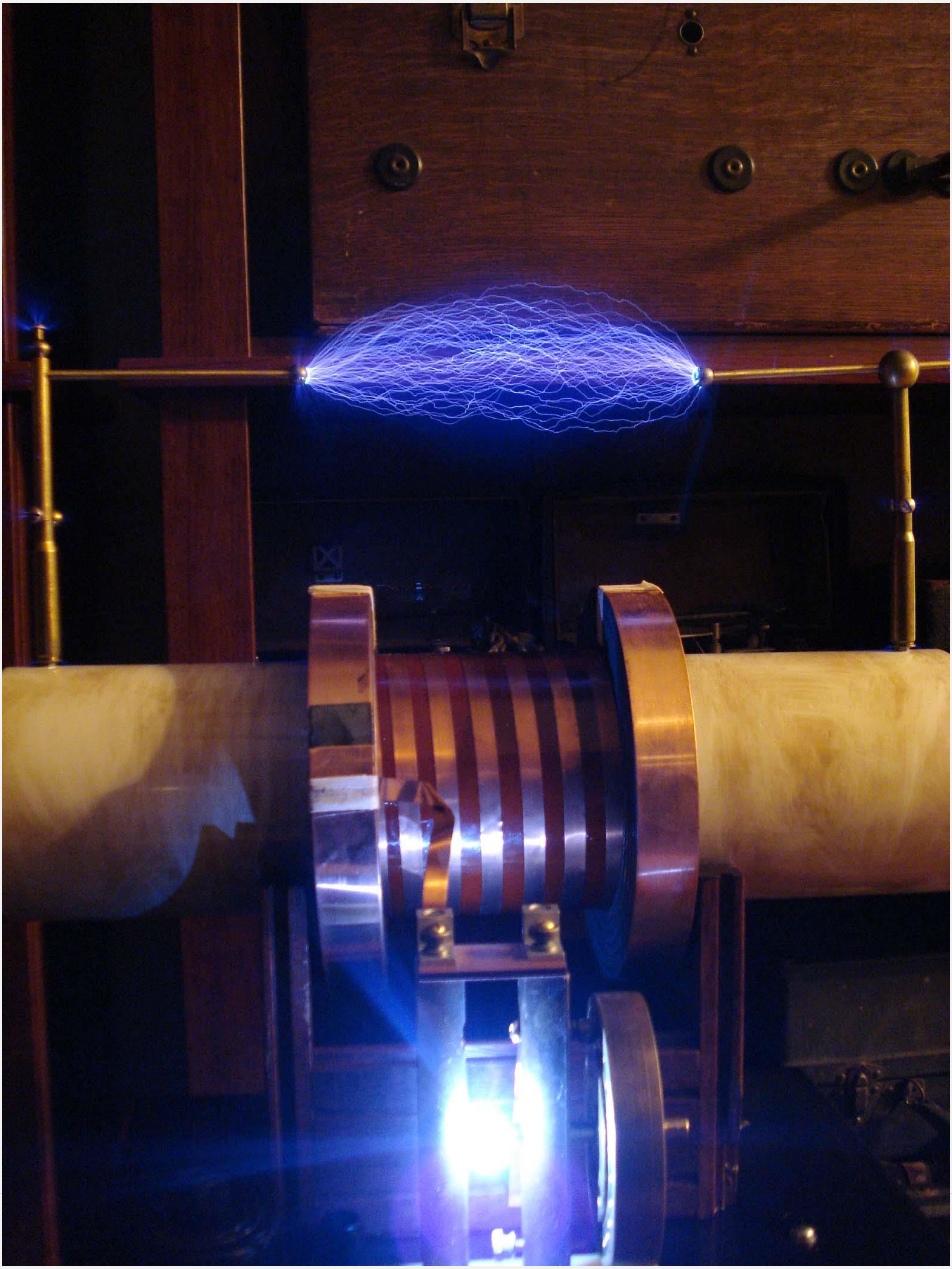


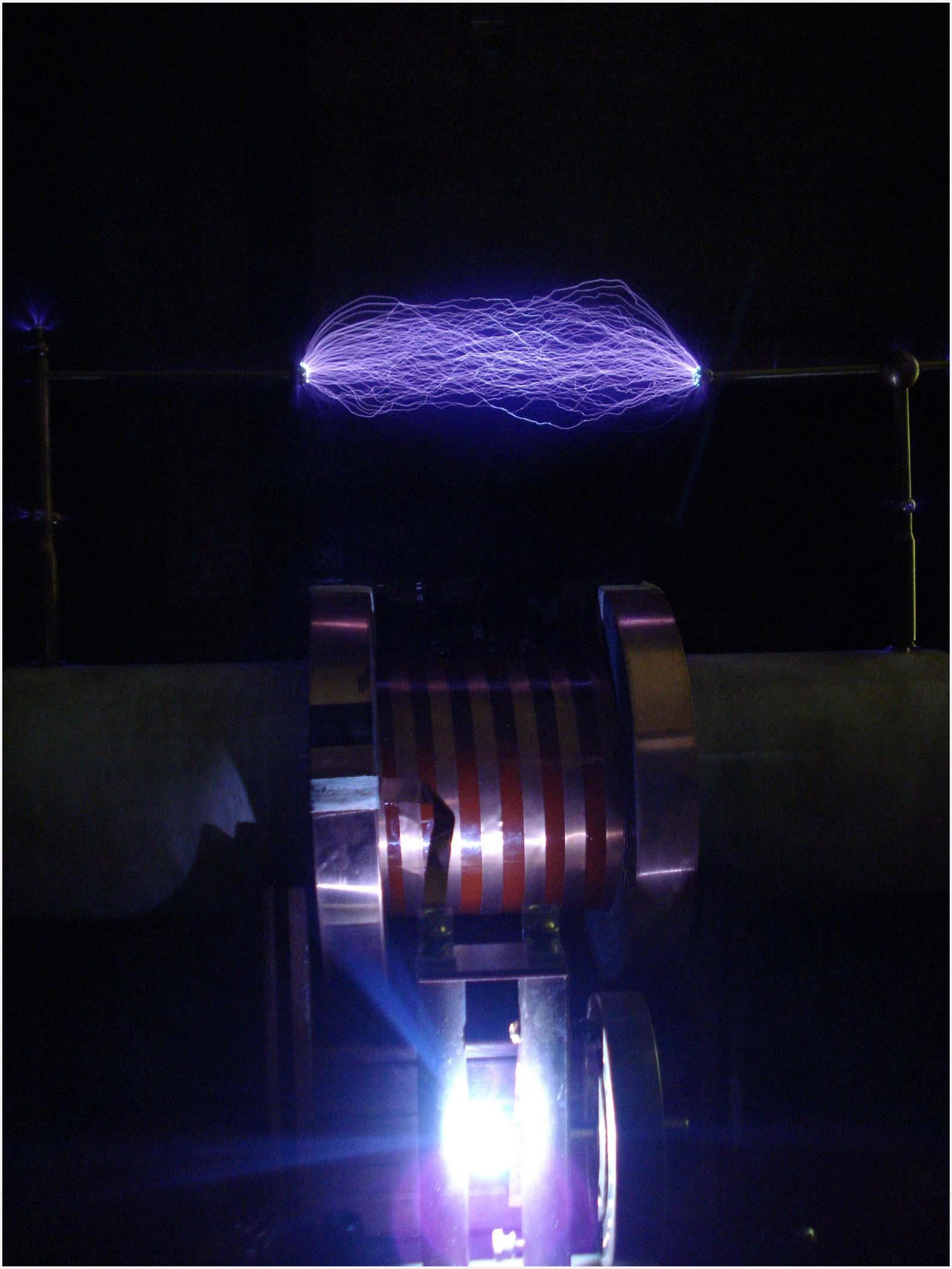


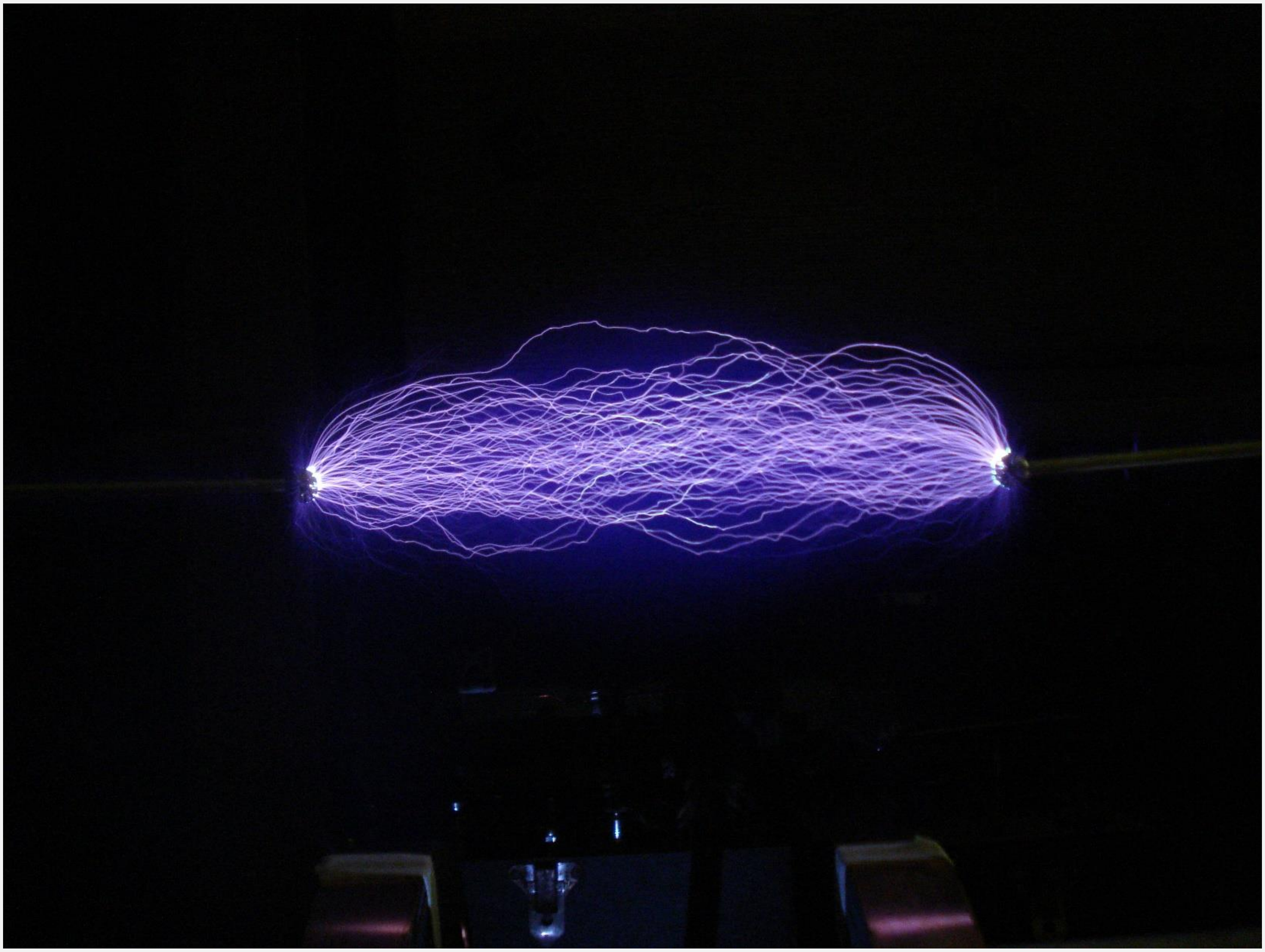


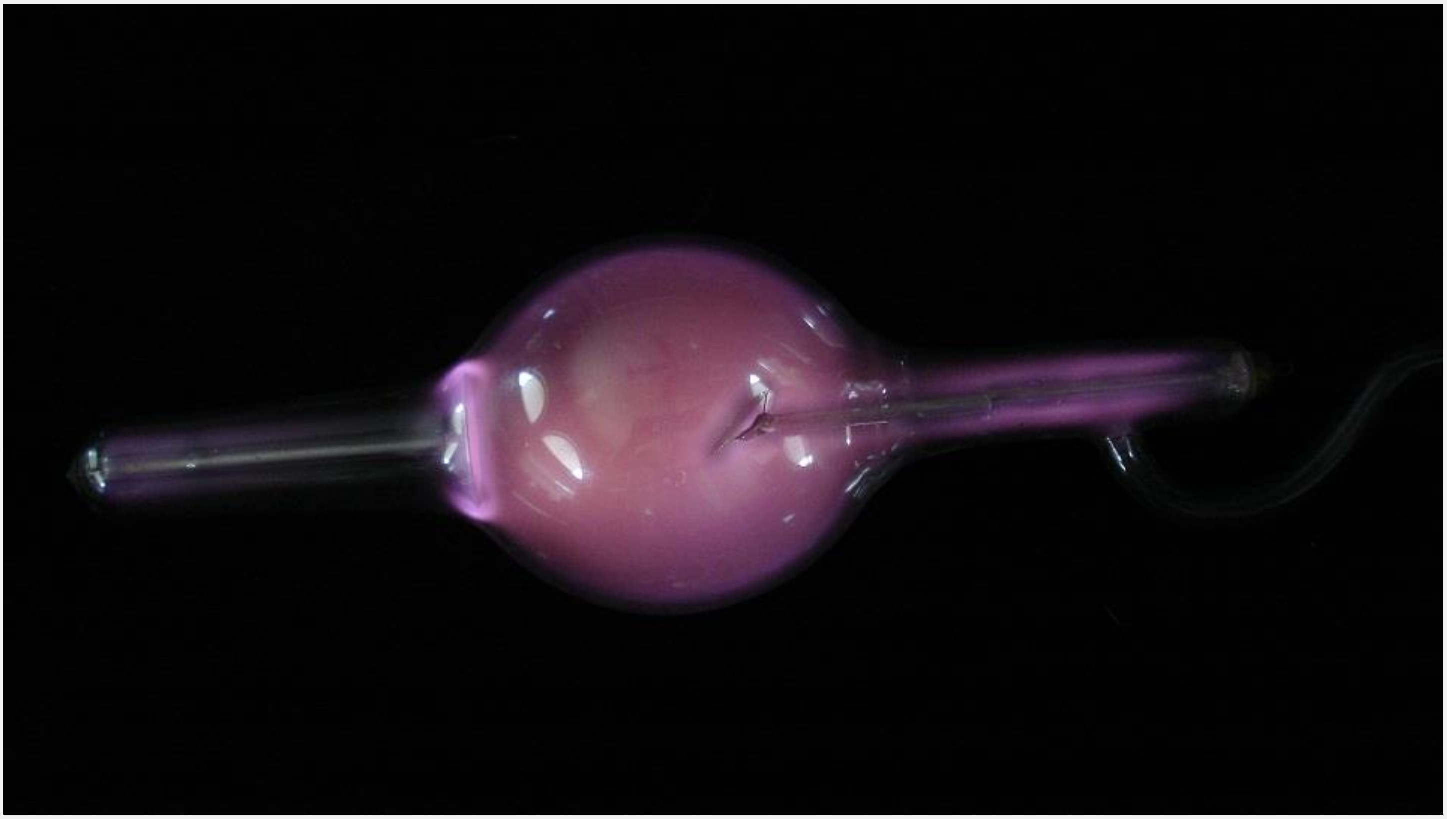
Gum Bichromate Photography

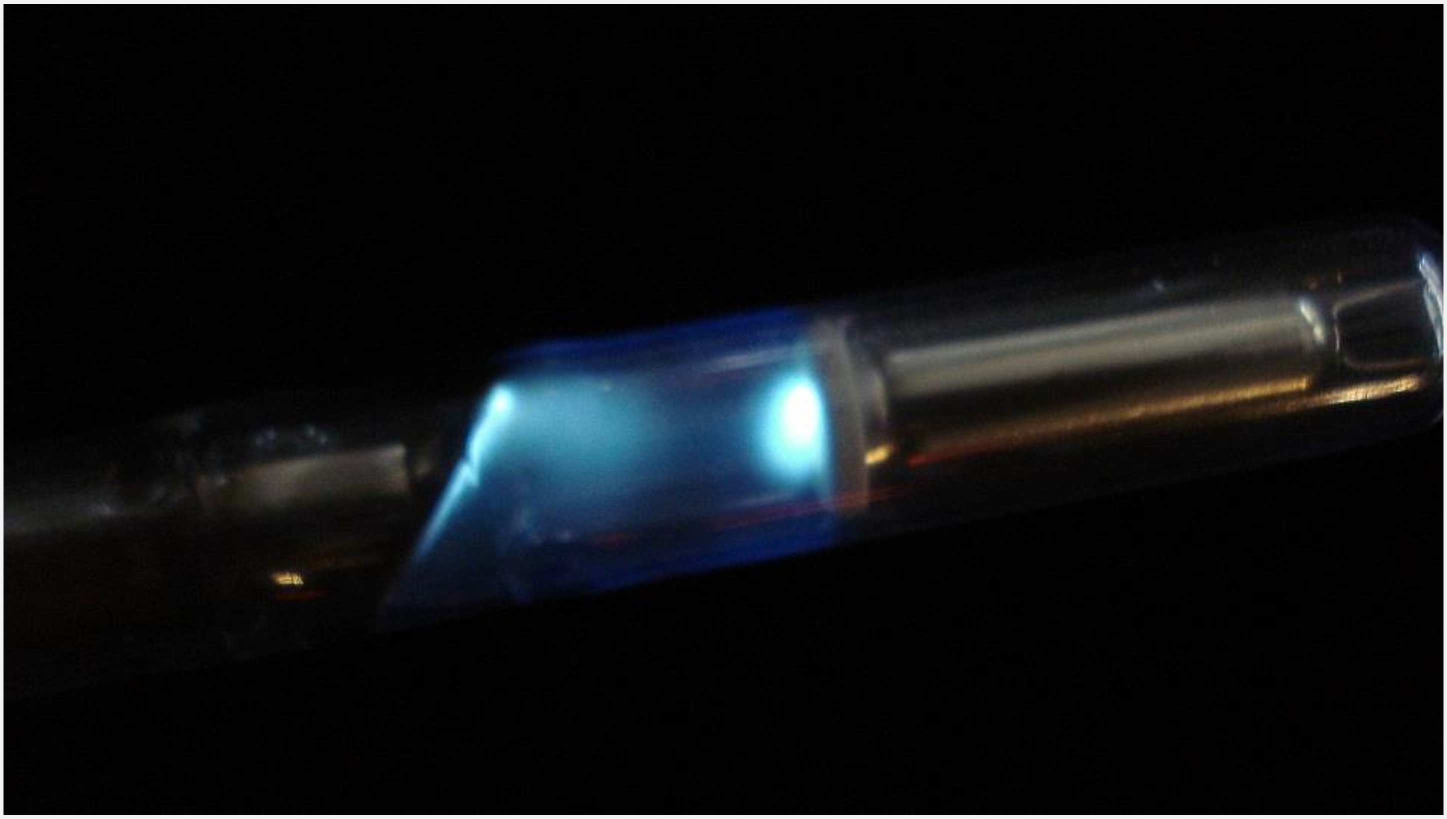


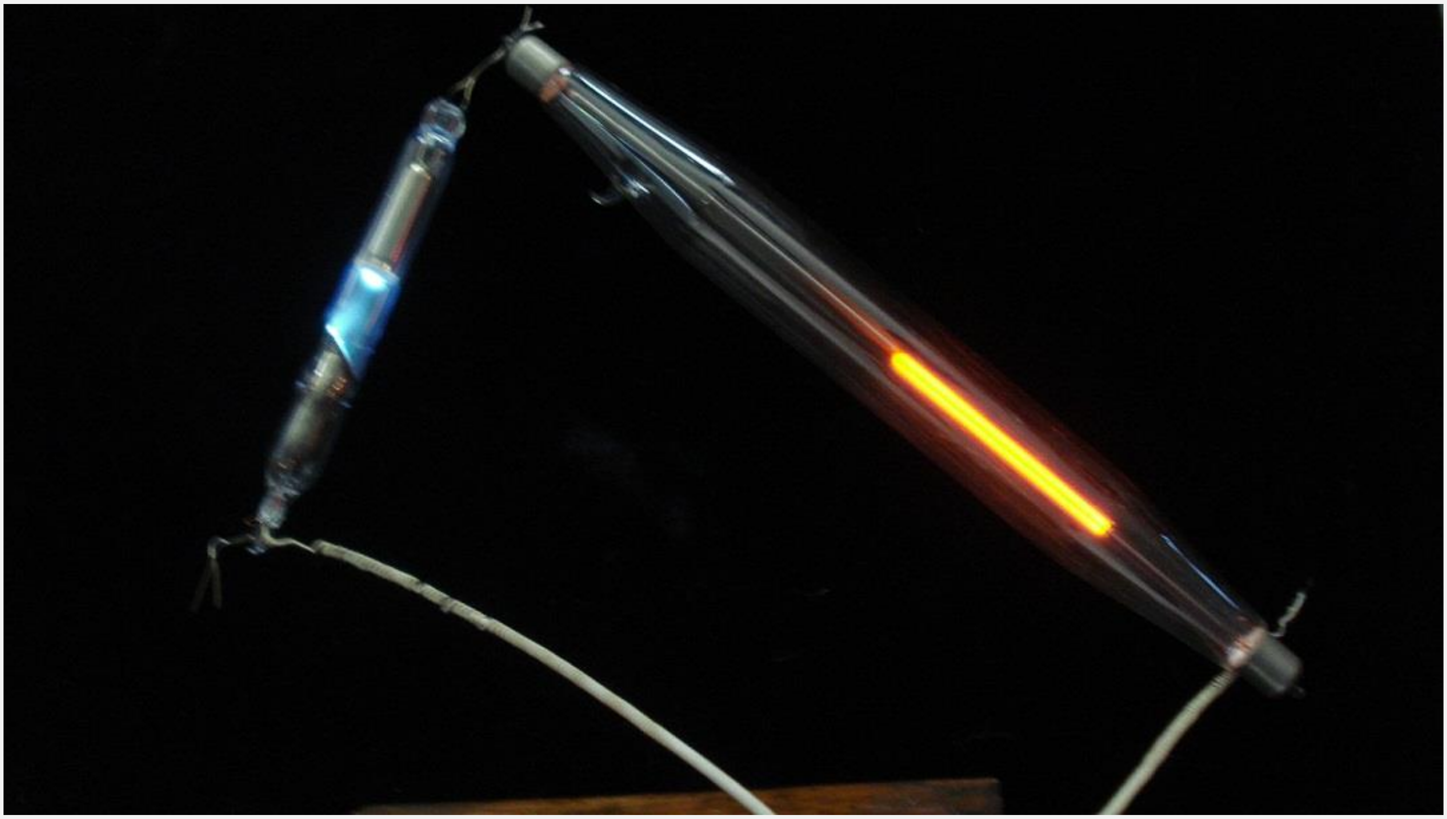


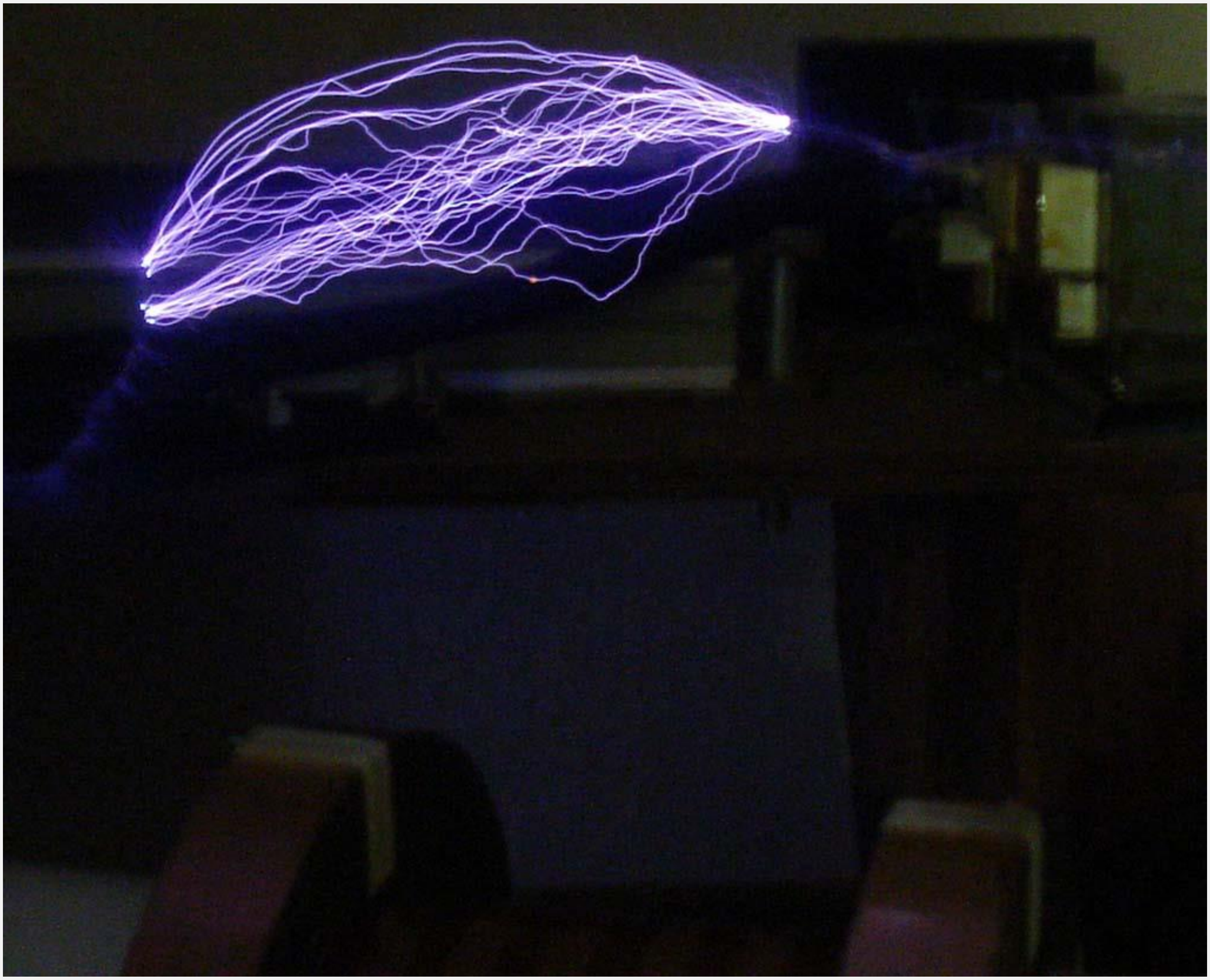


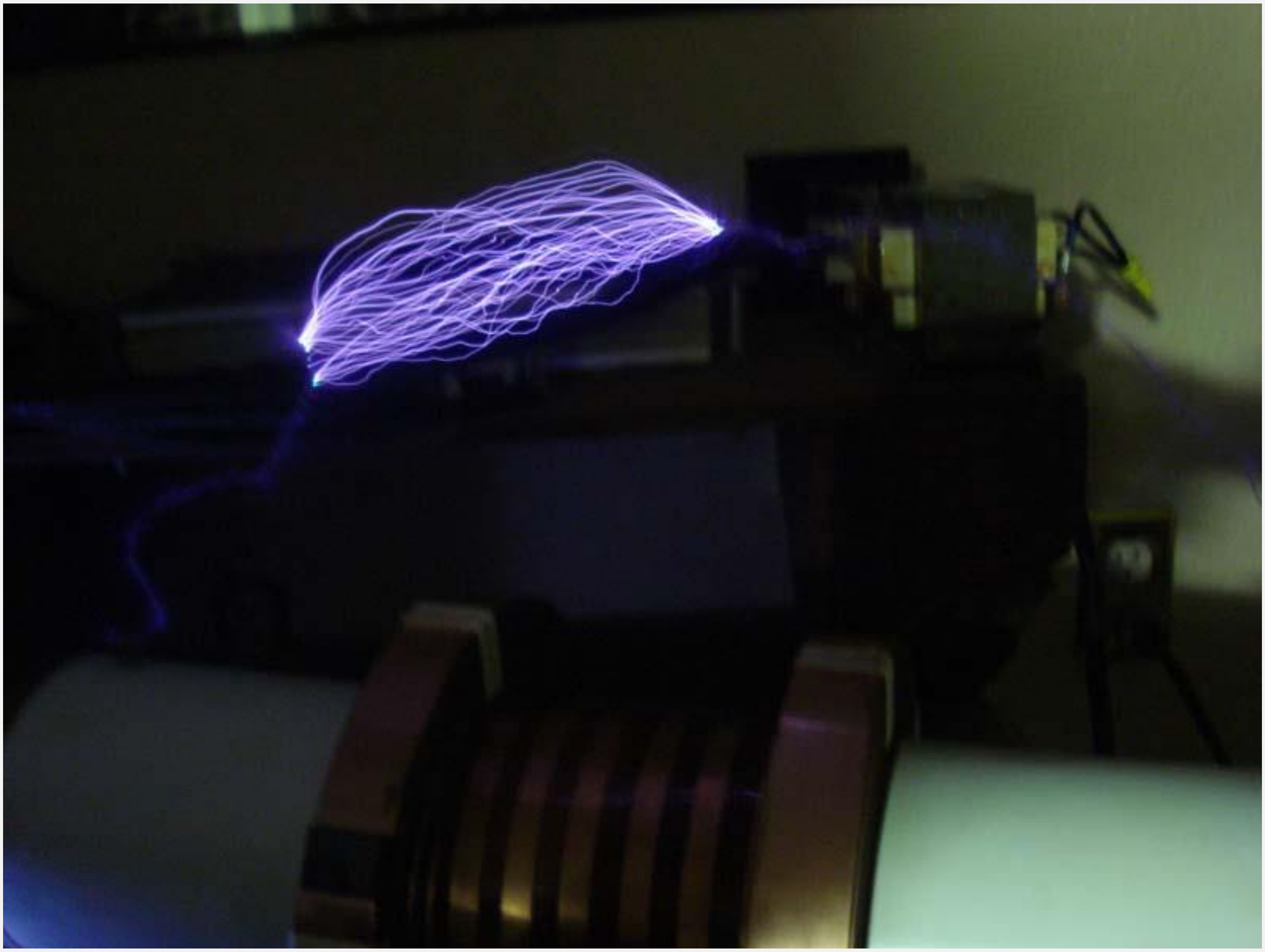


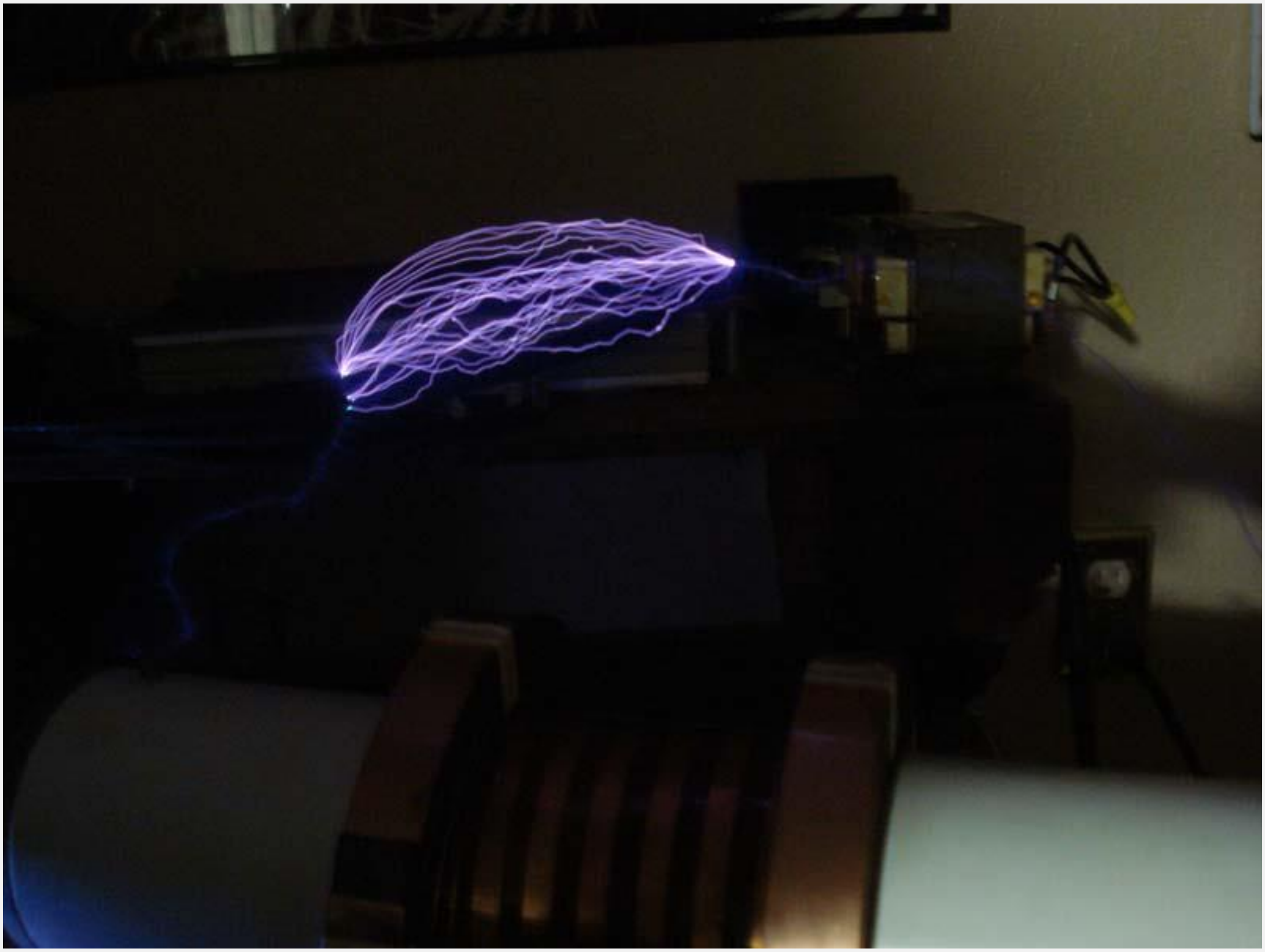


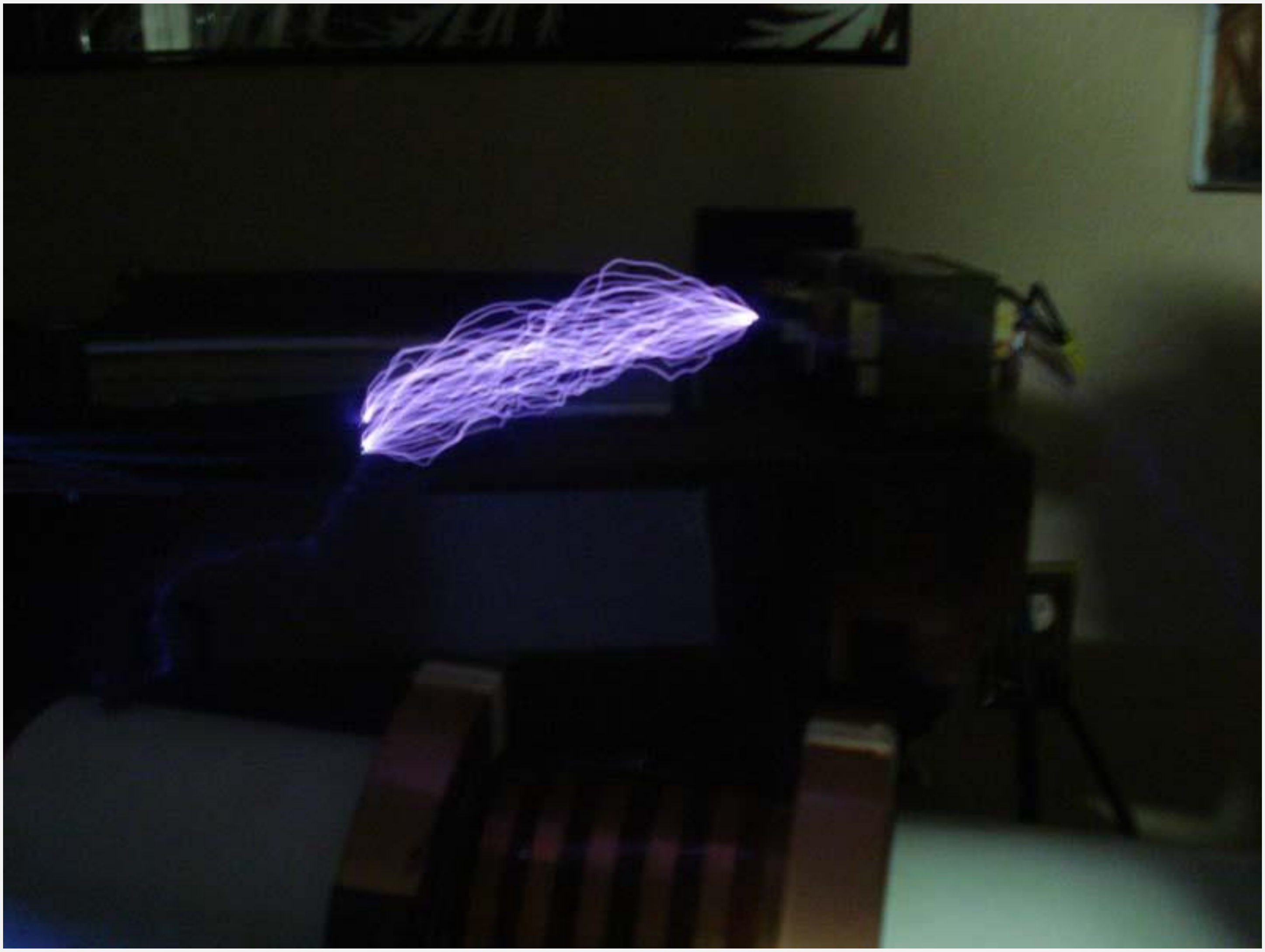


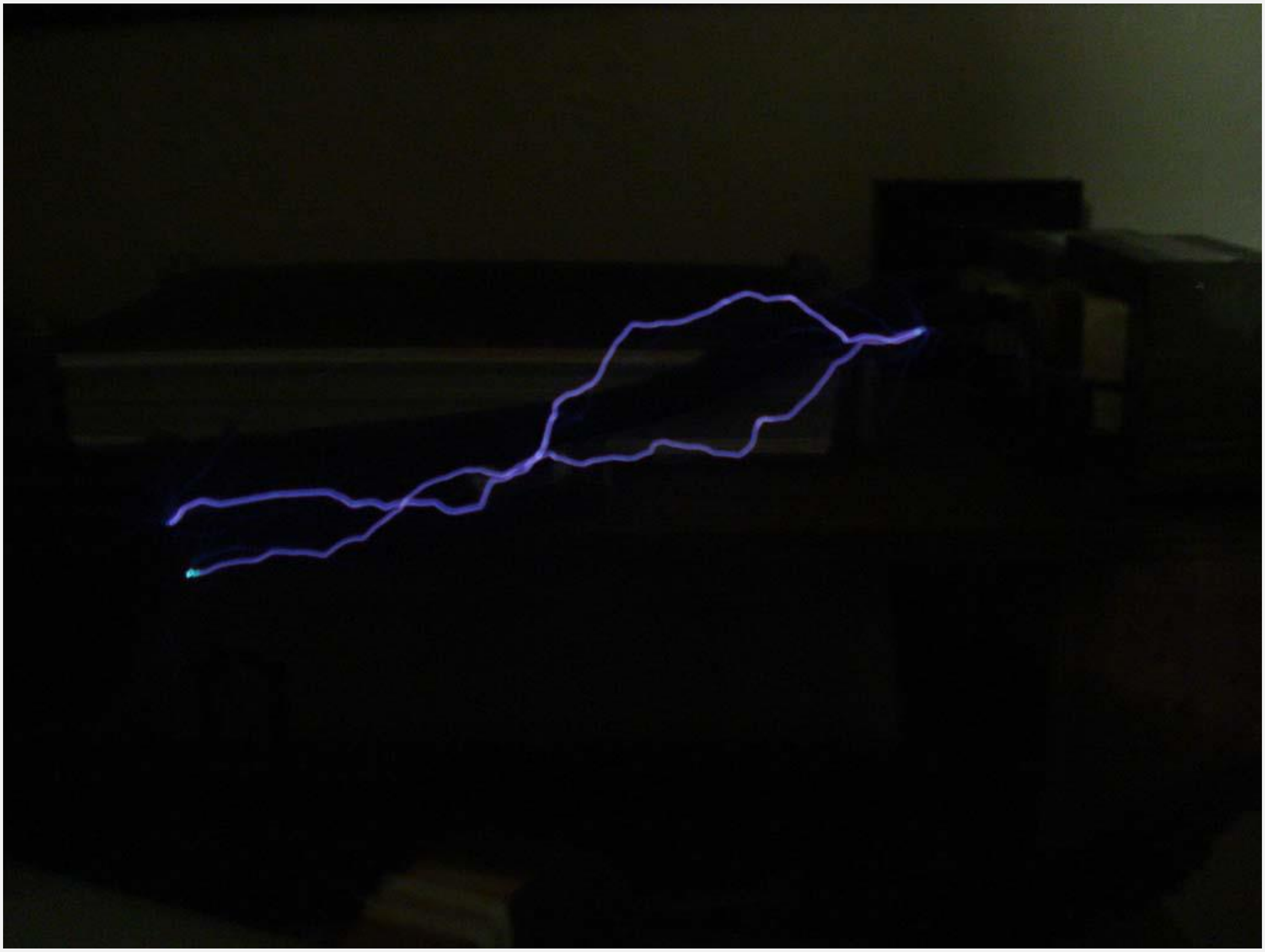


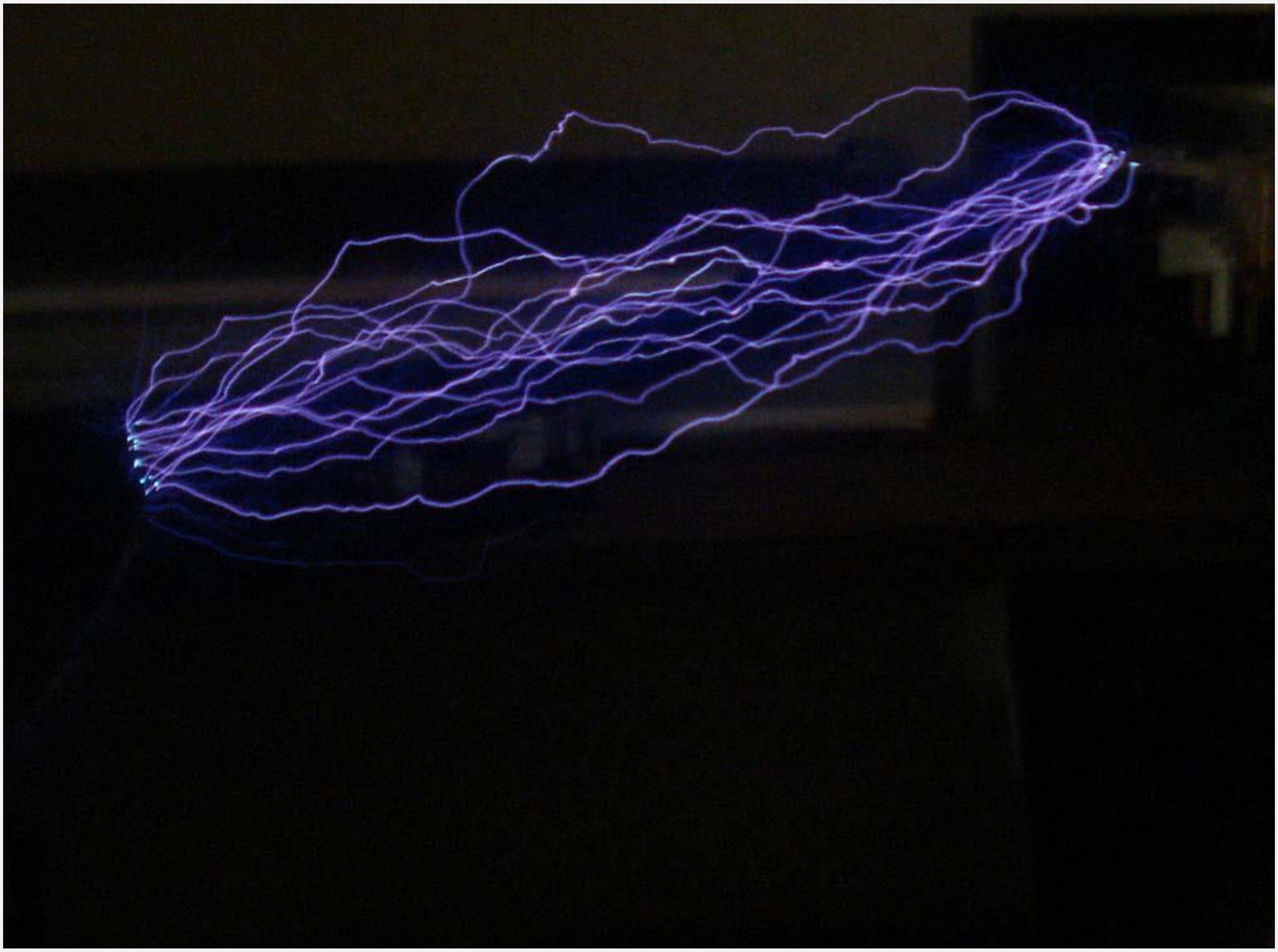


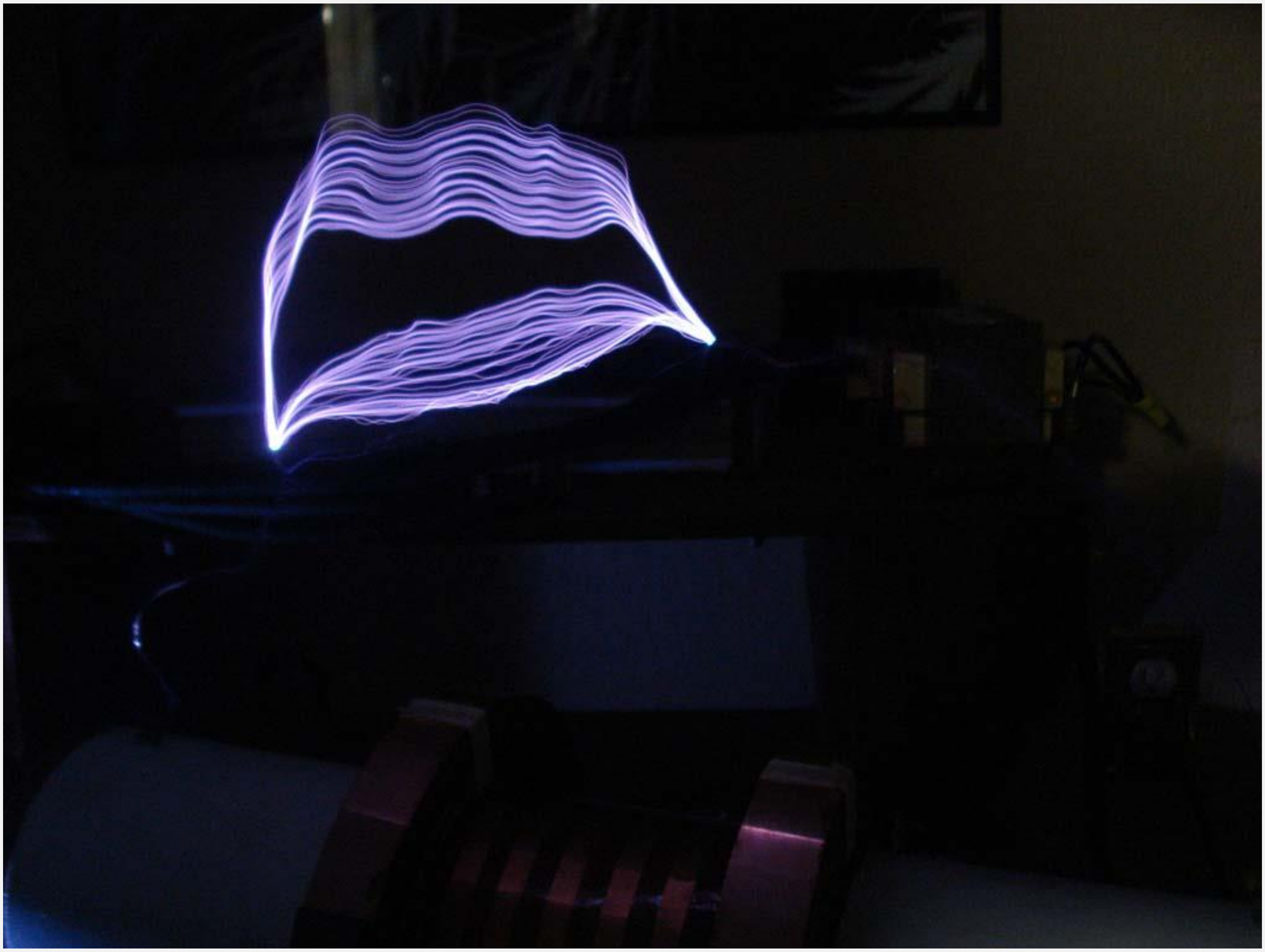


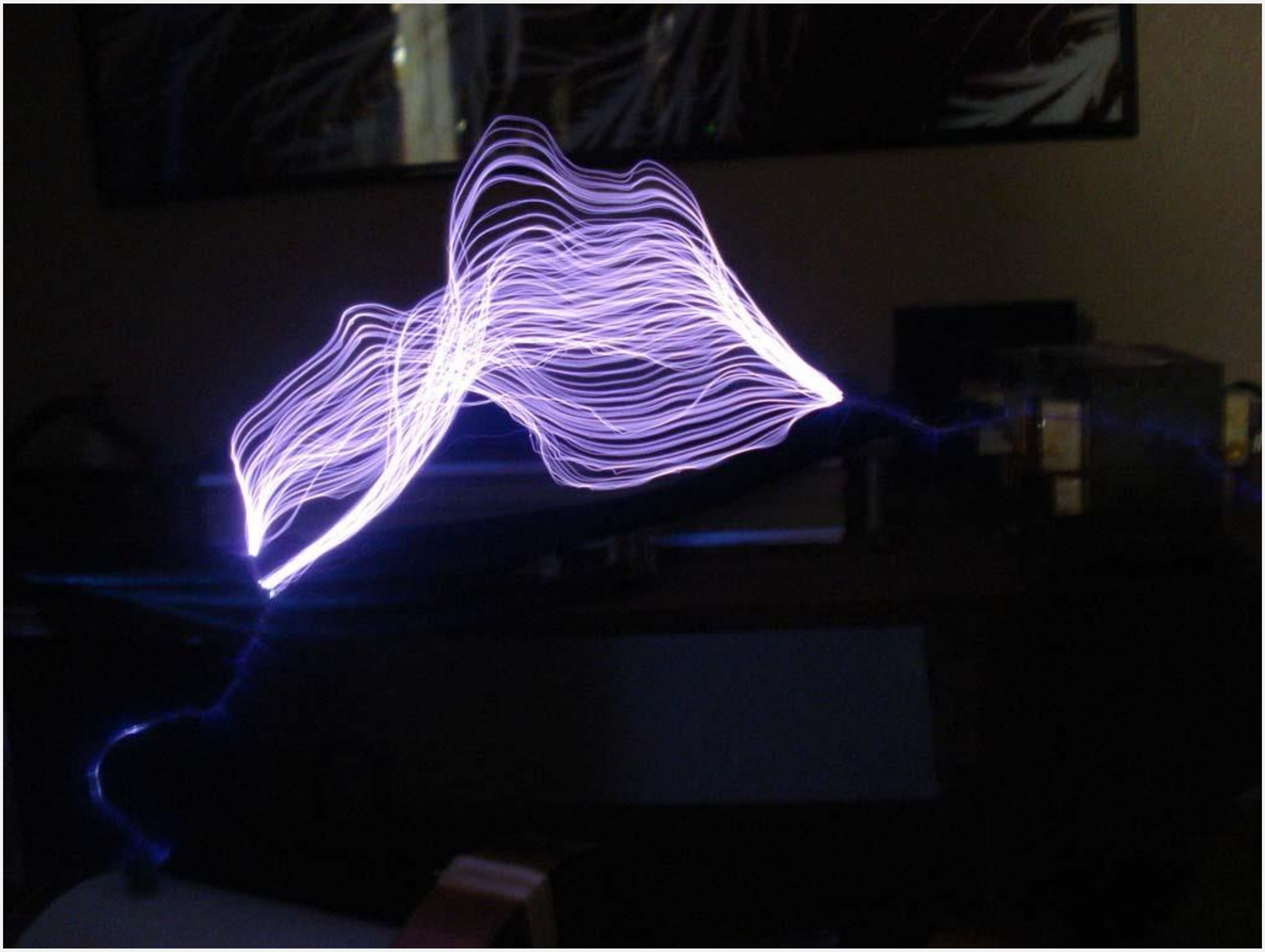


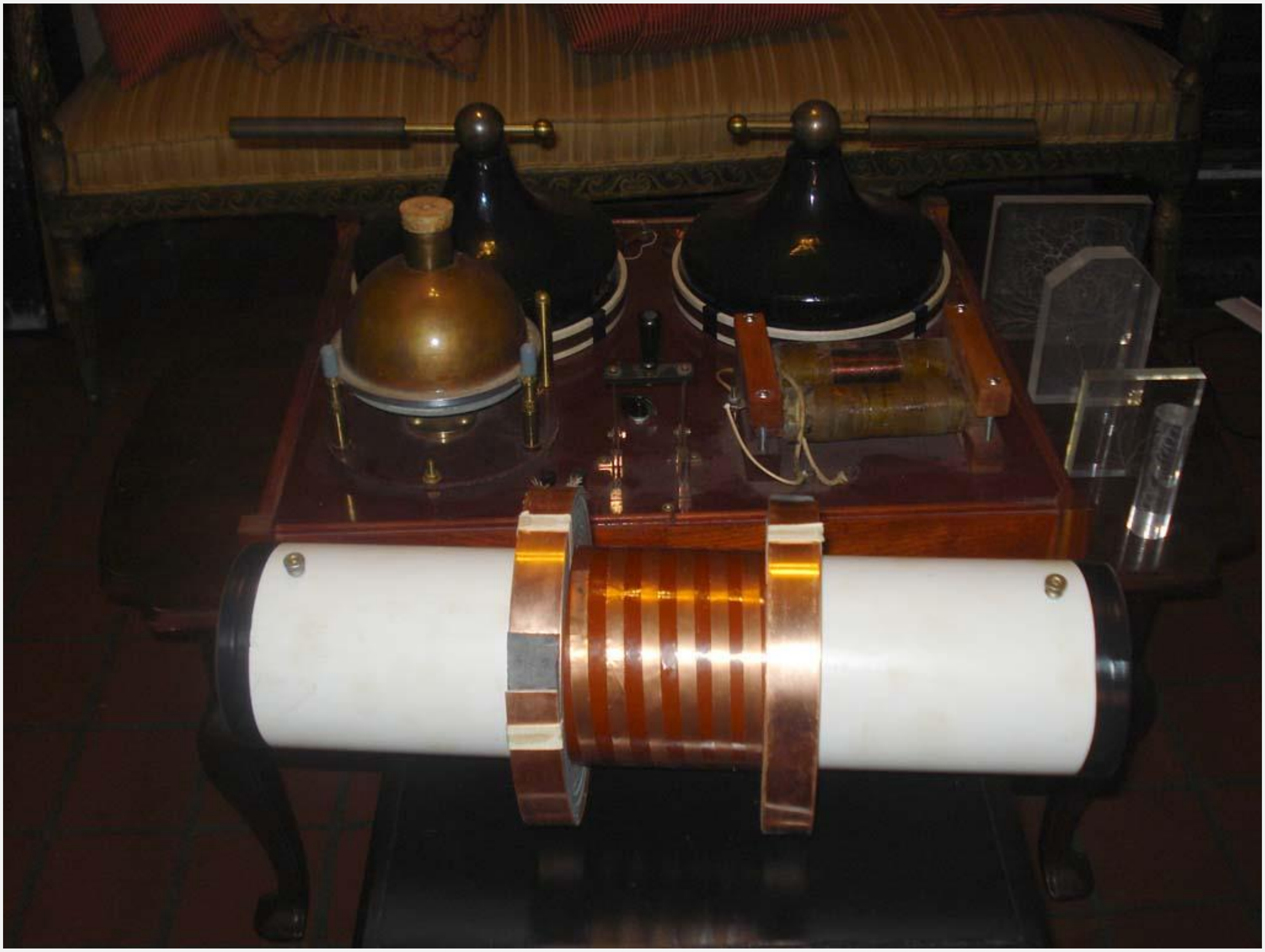


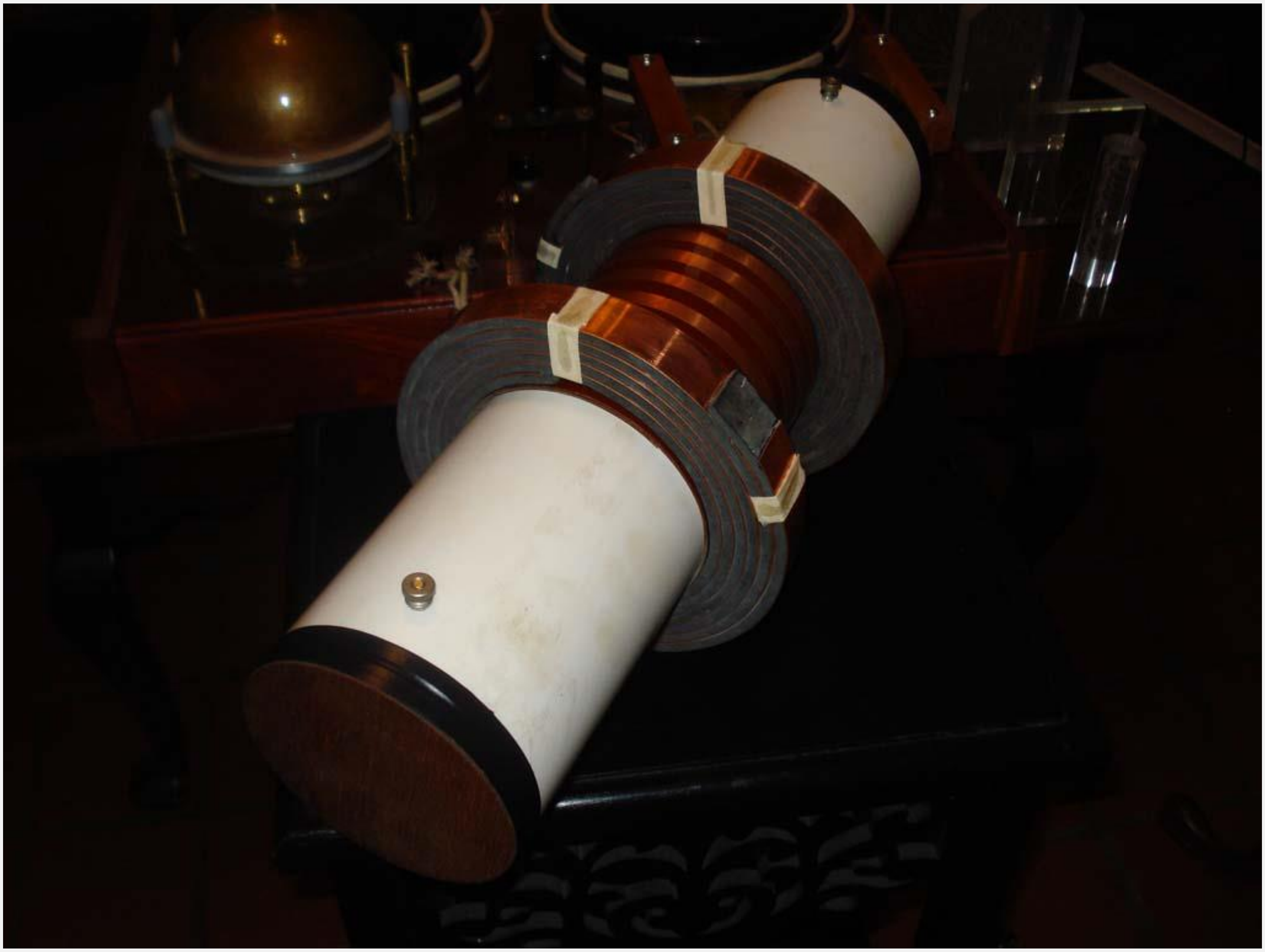


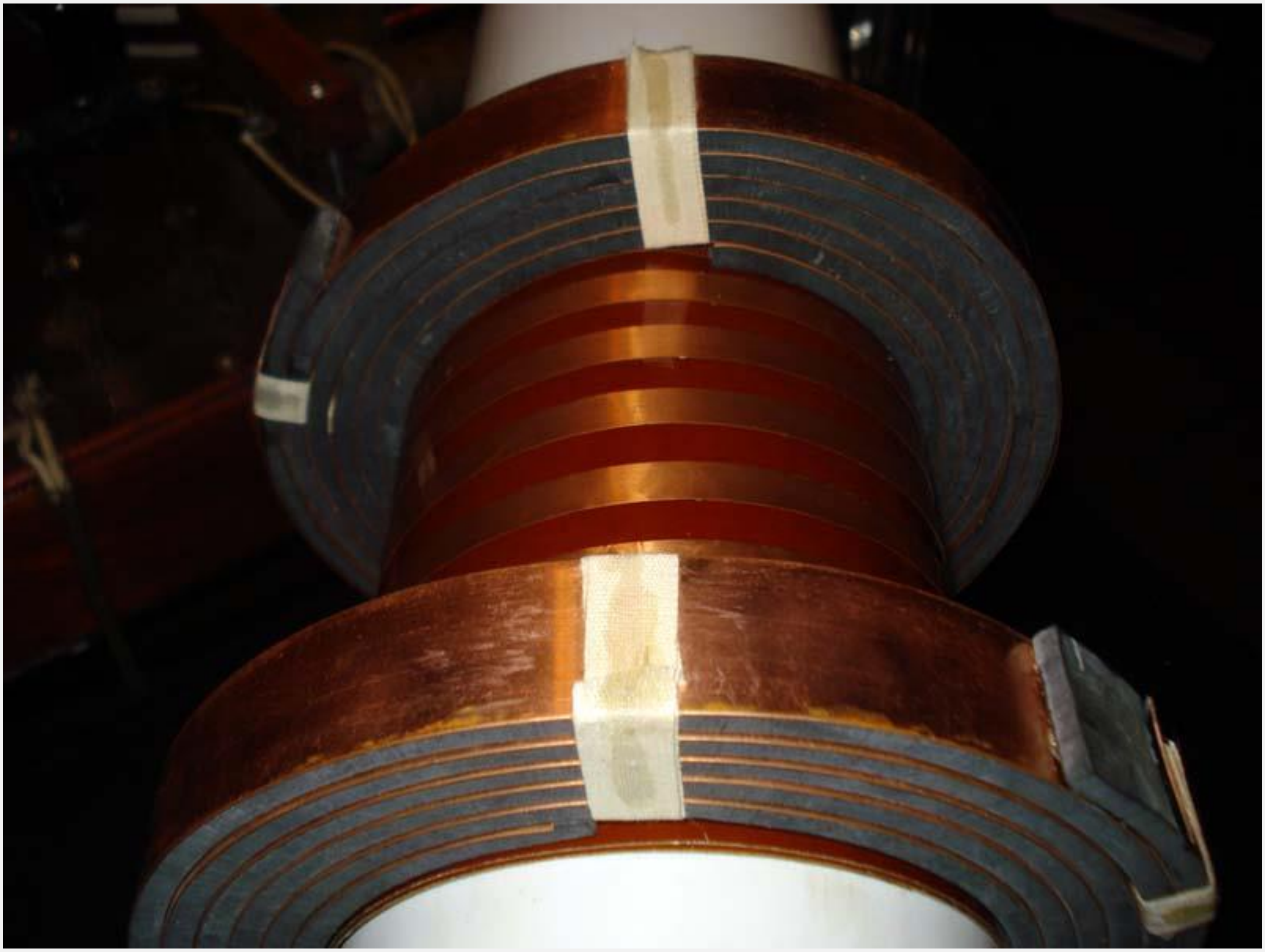


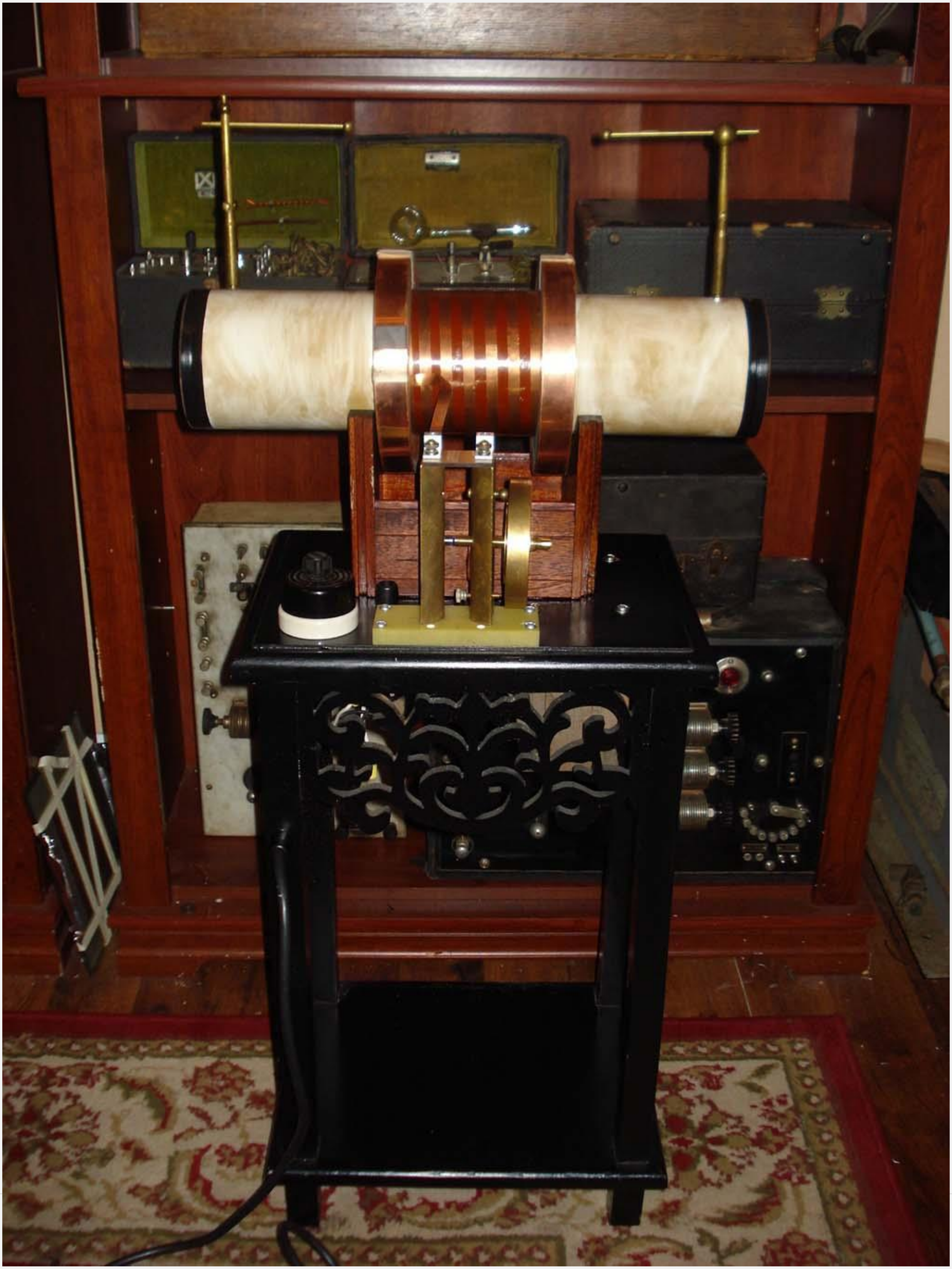


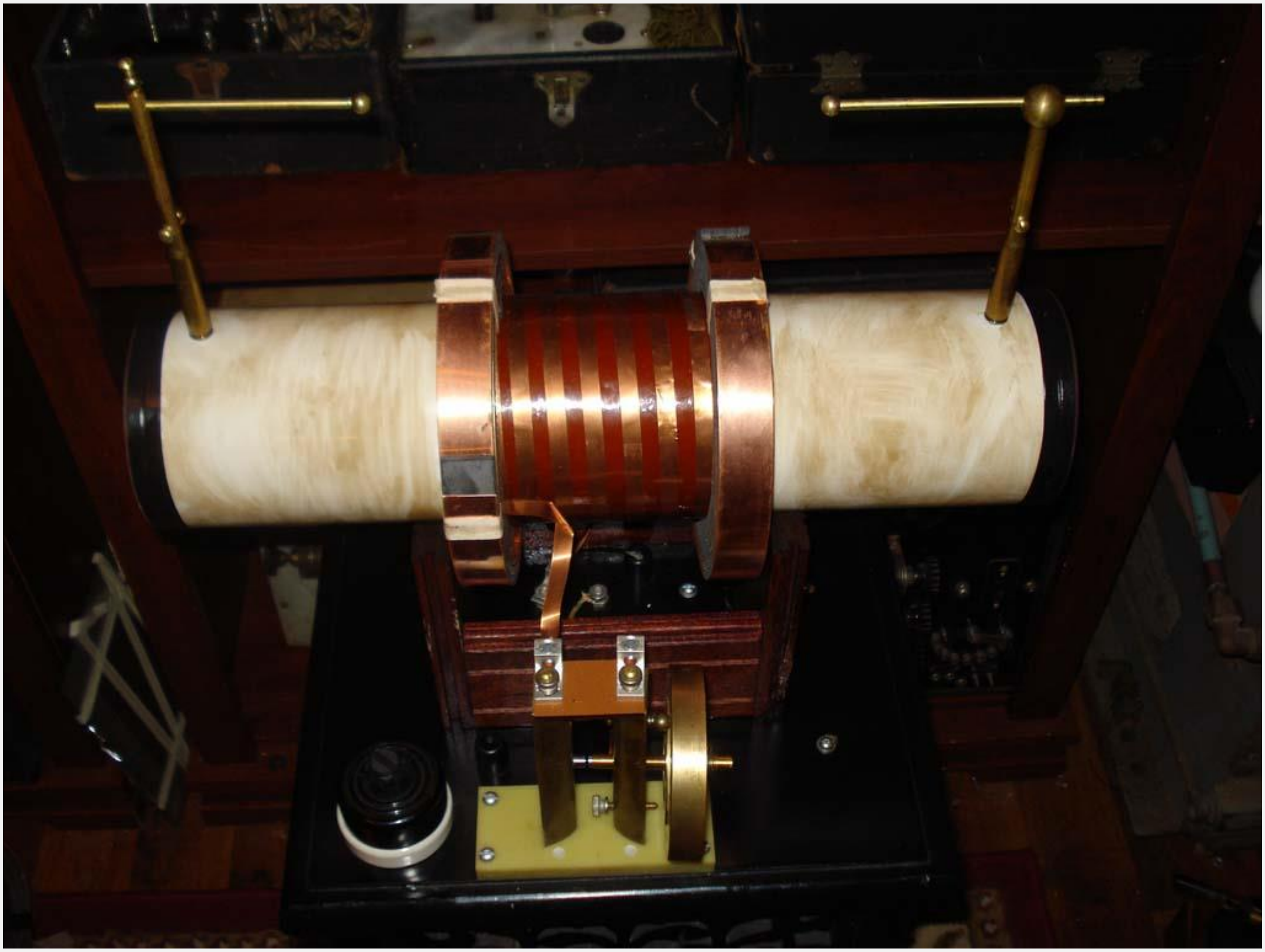


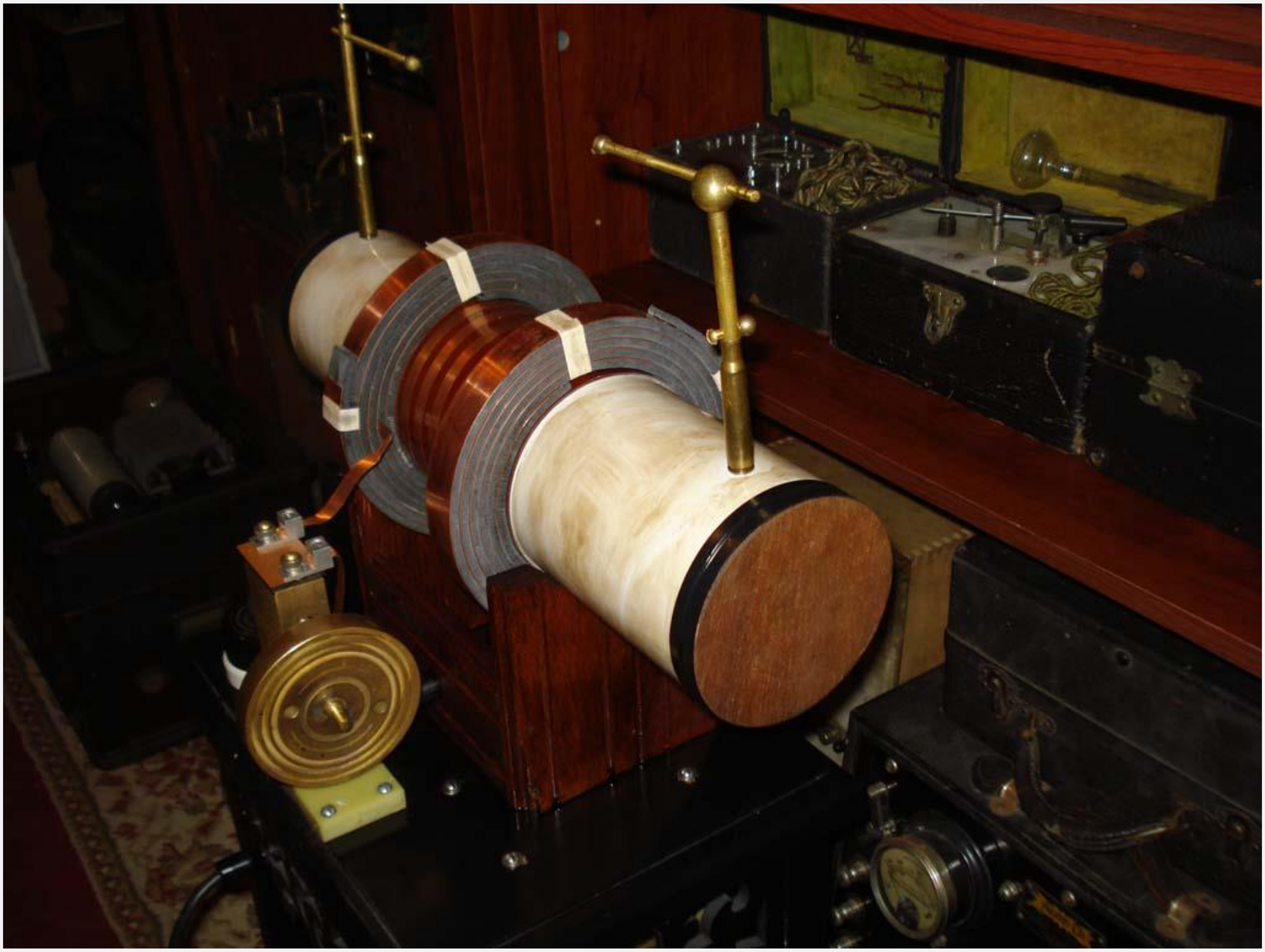


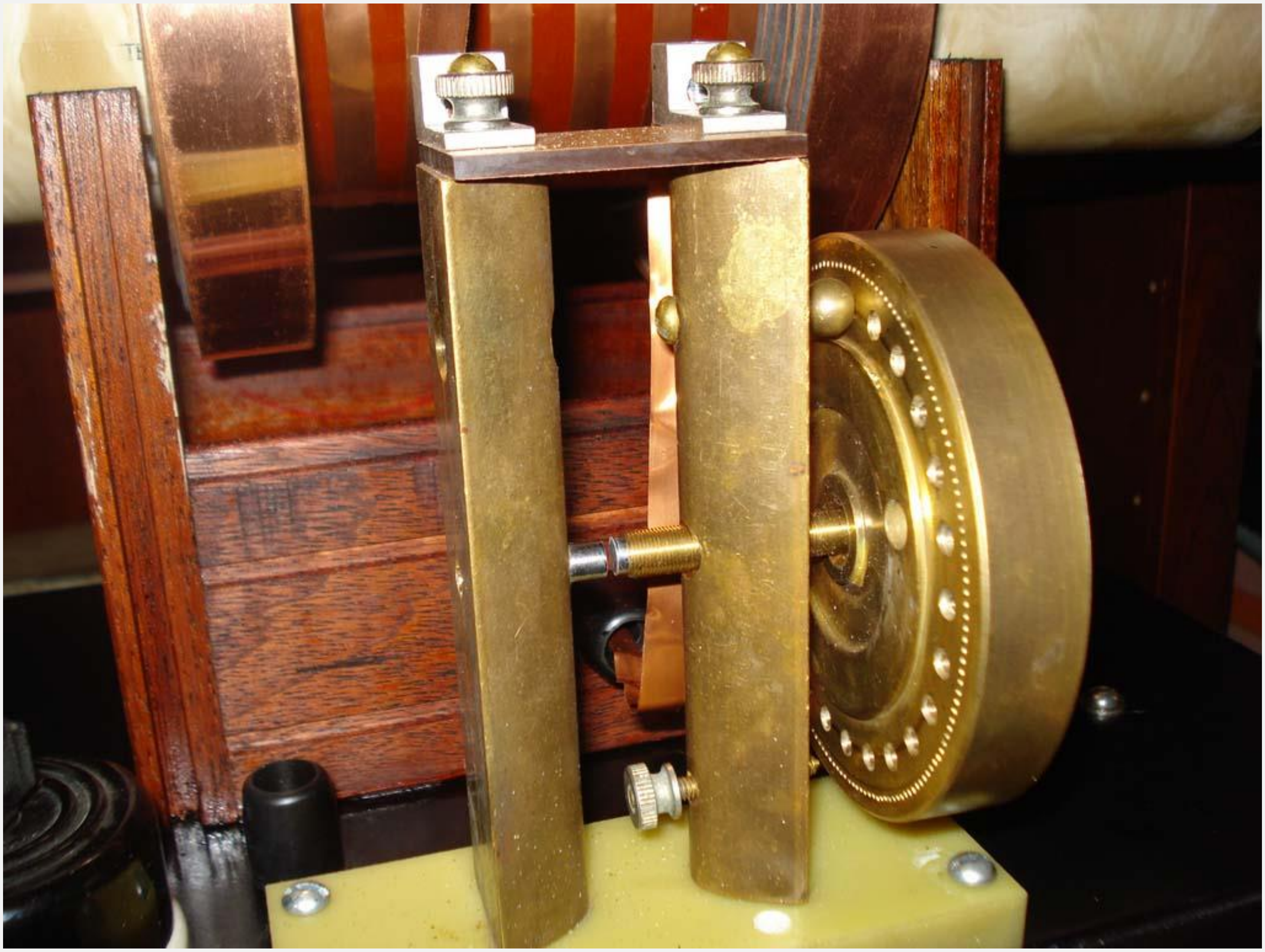


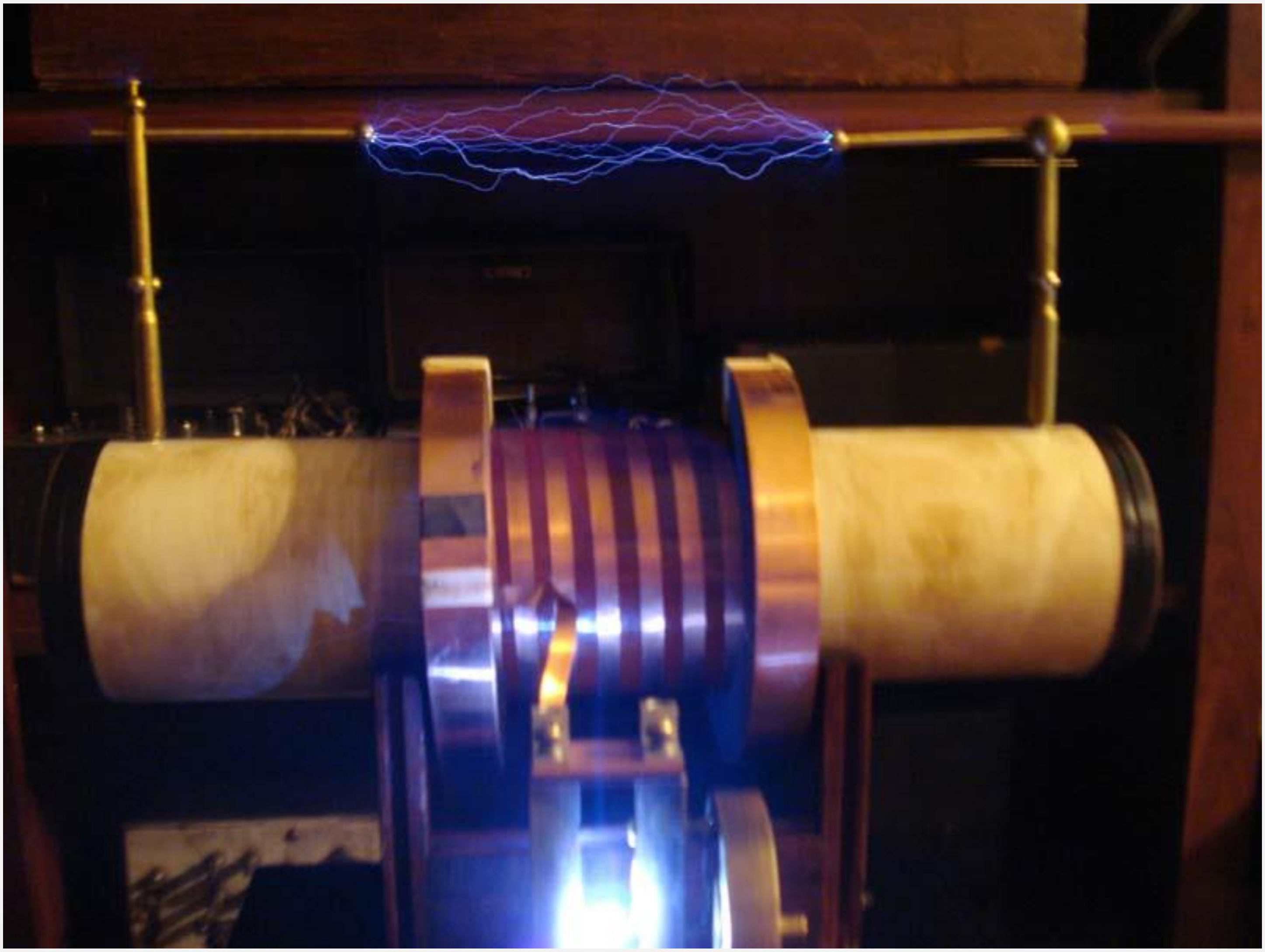


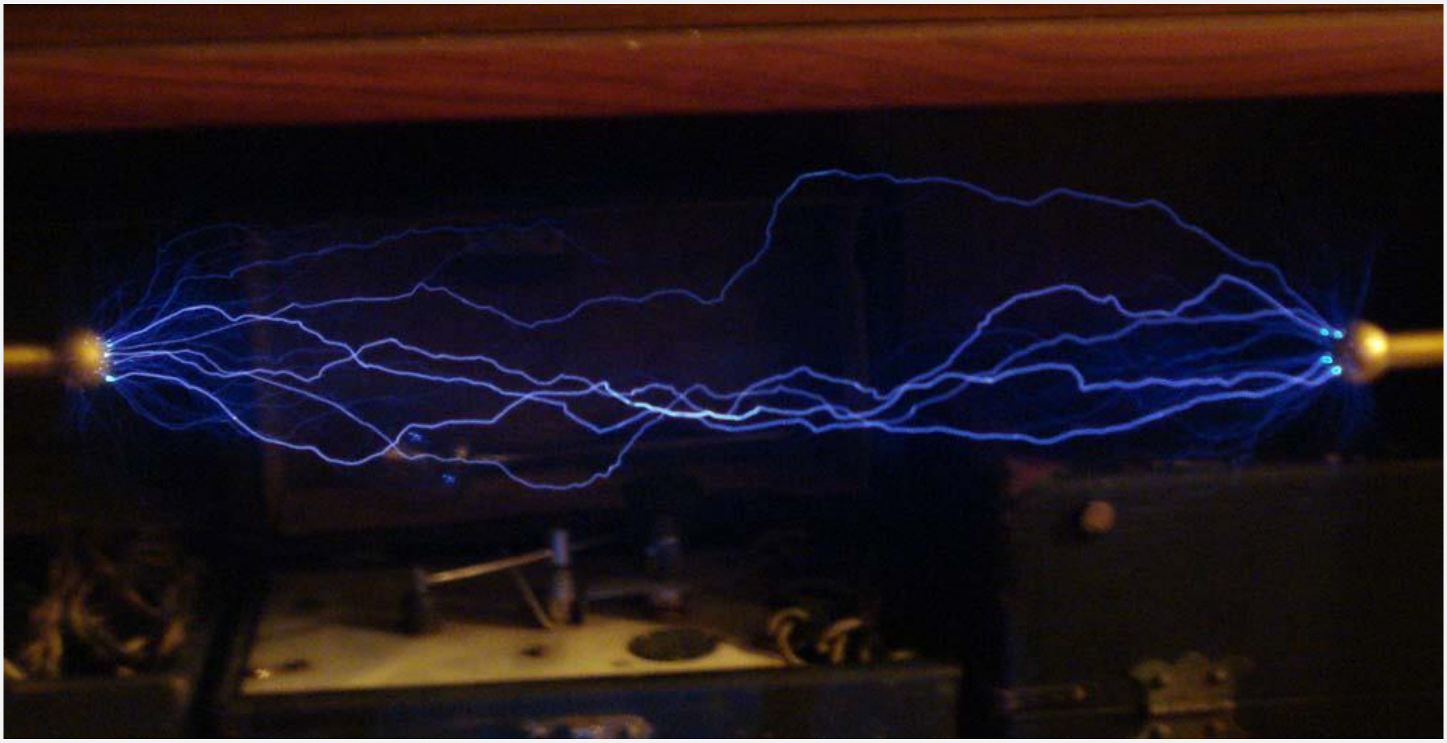


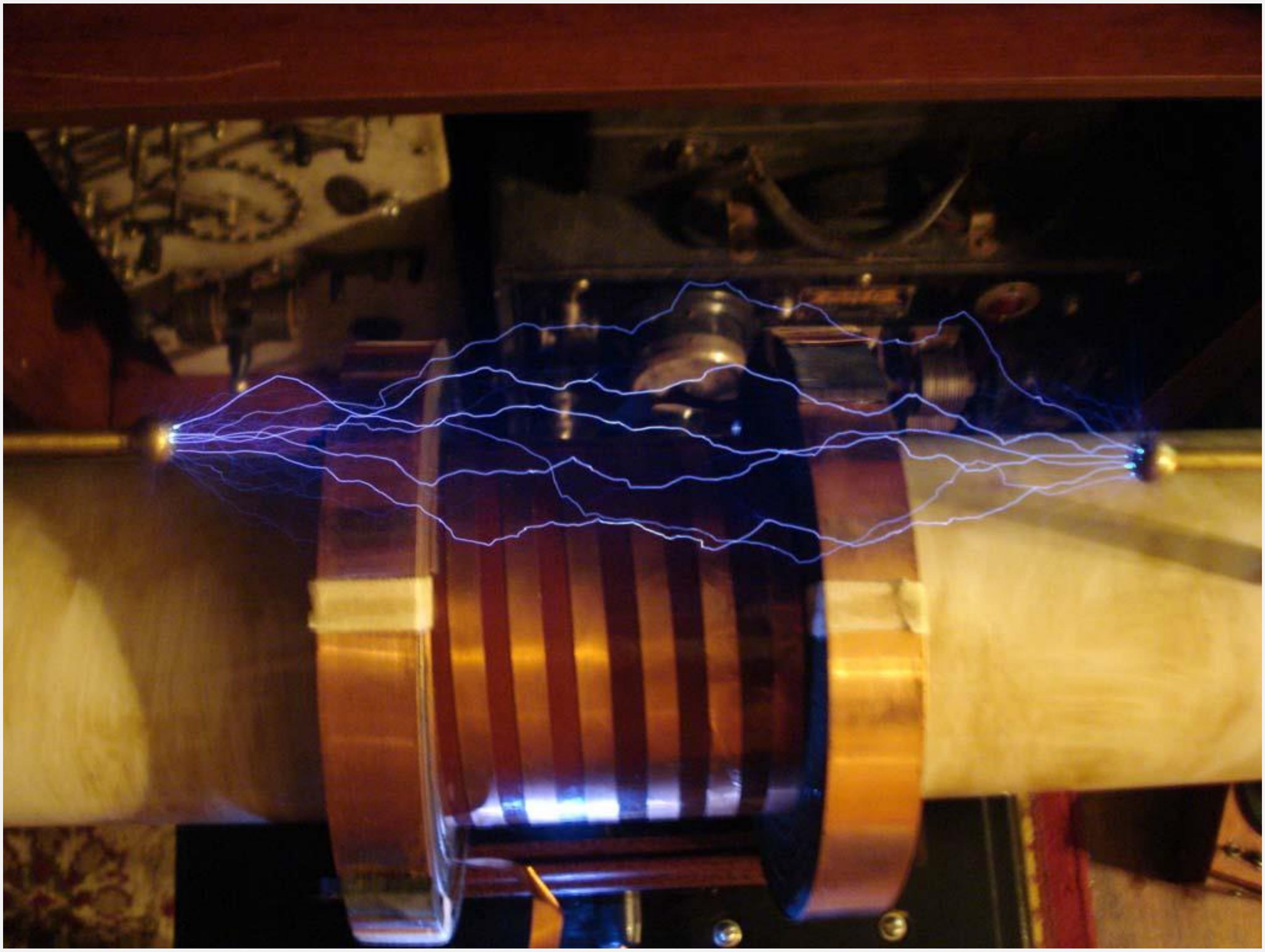


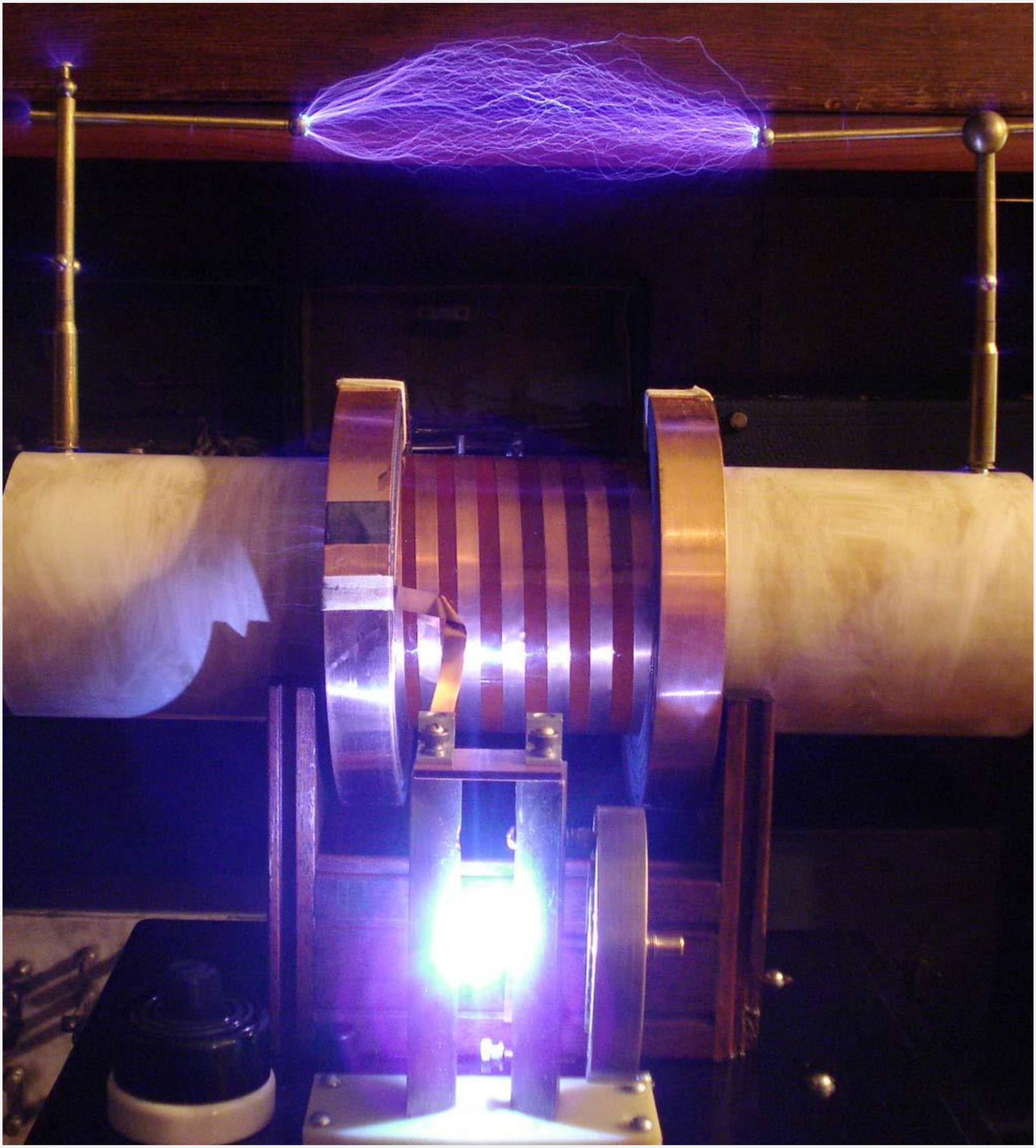


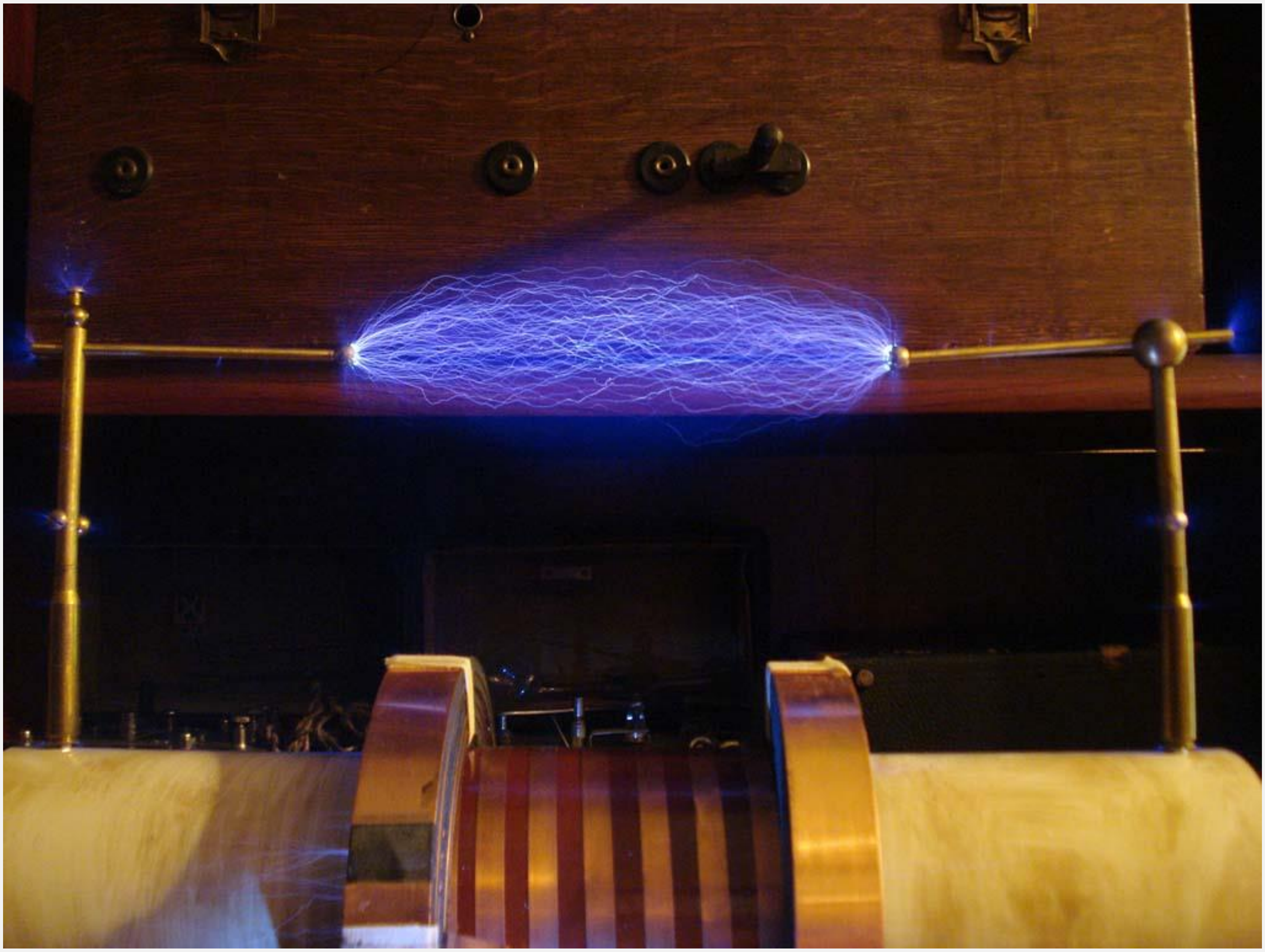


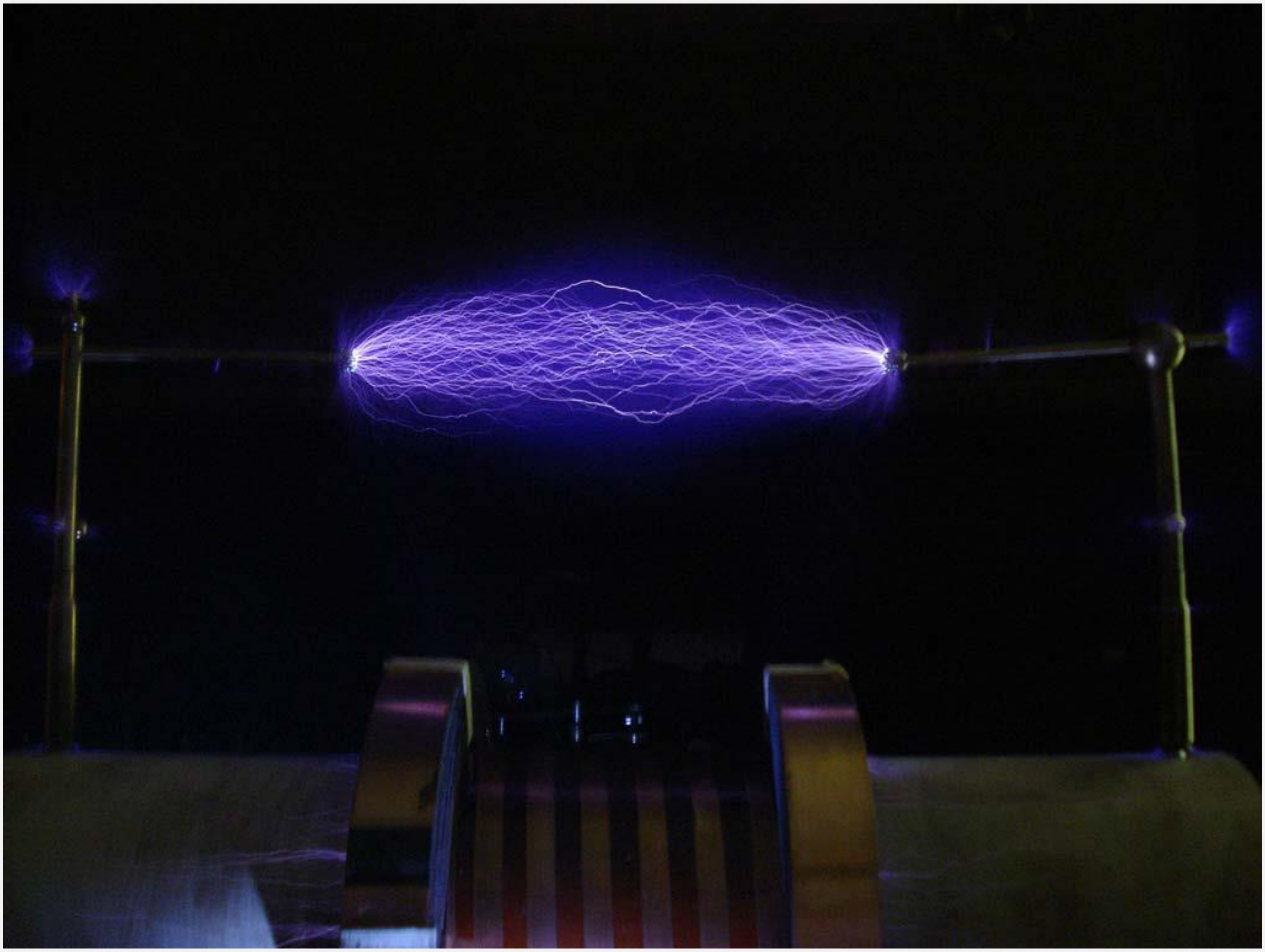


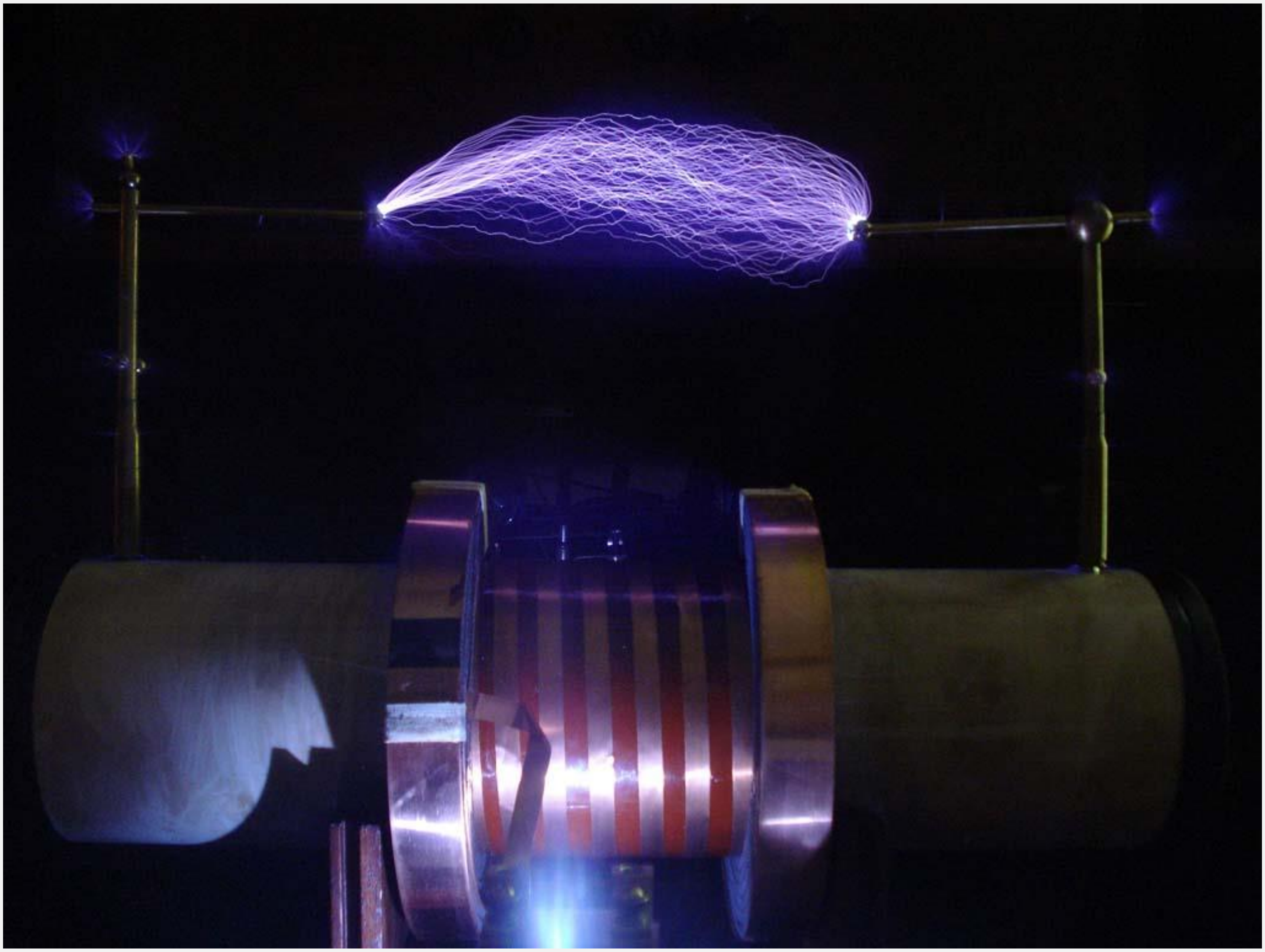


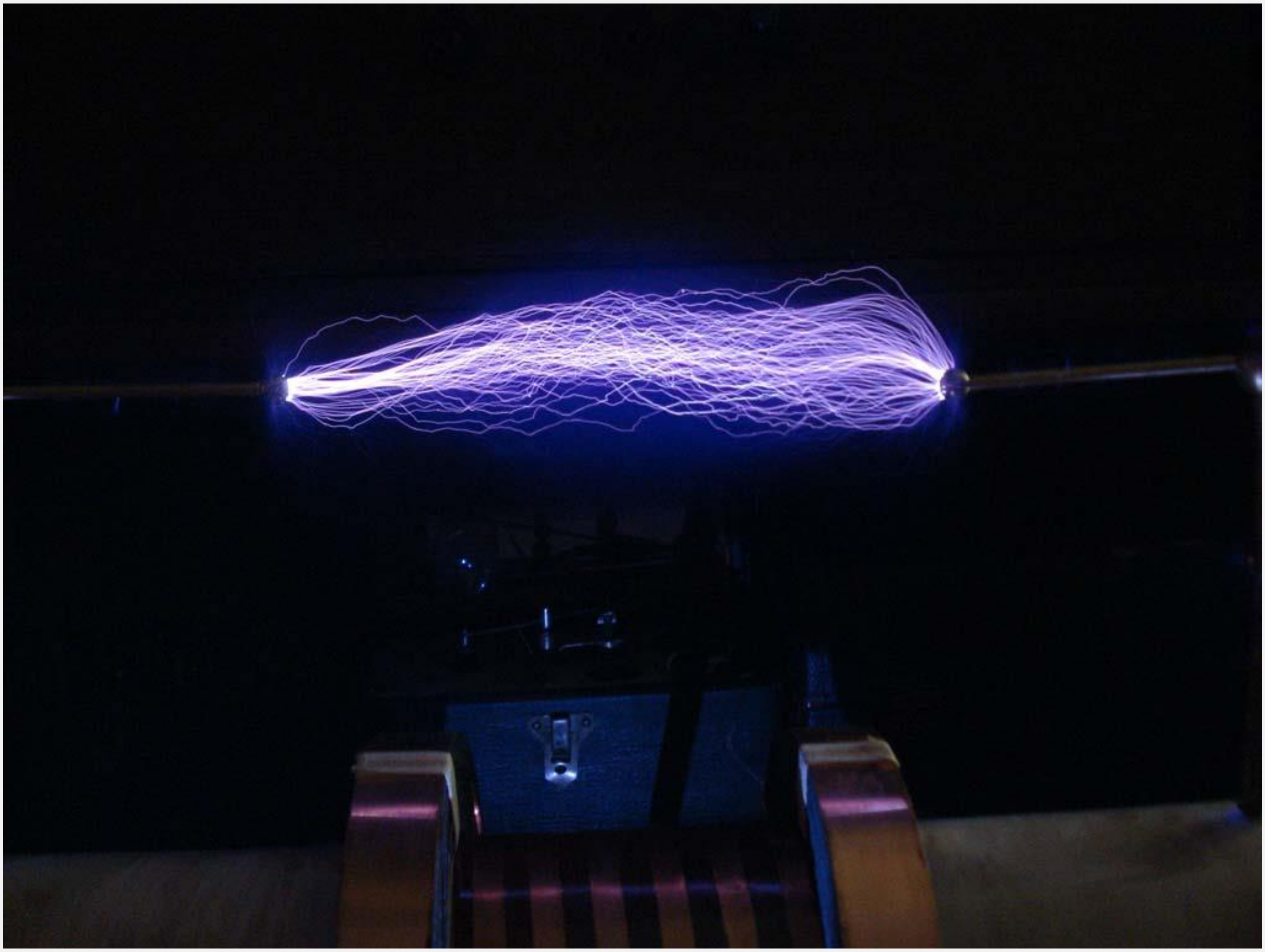


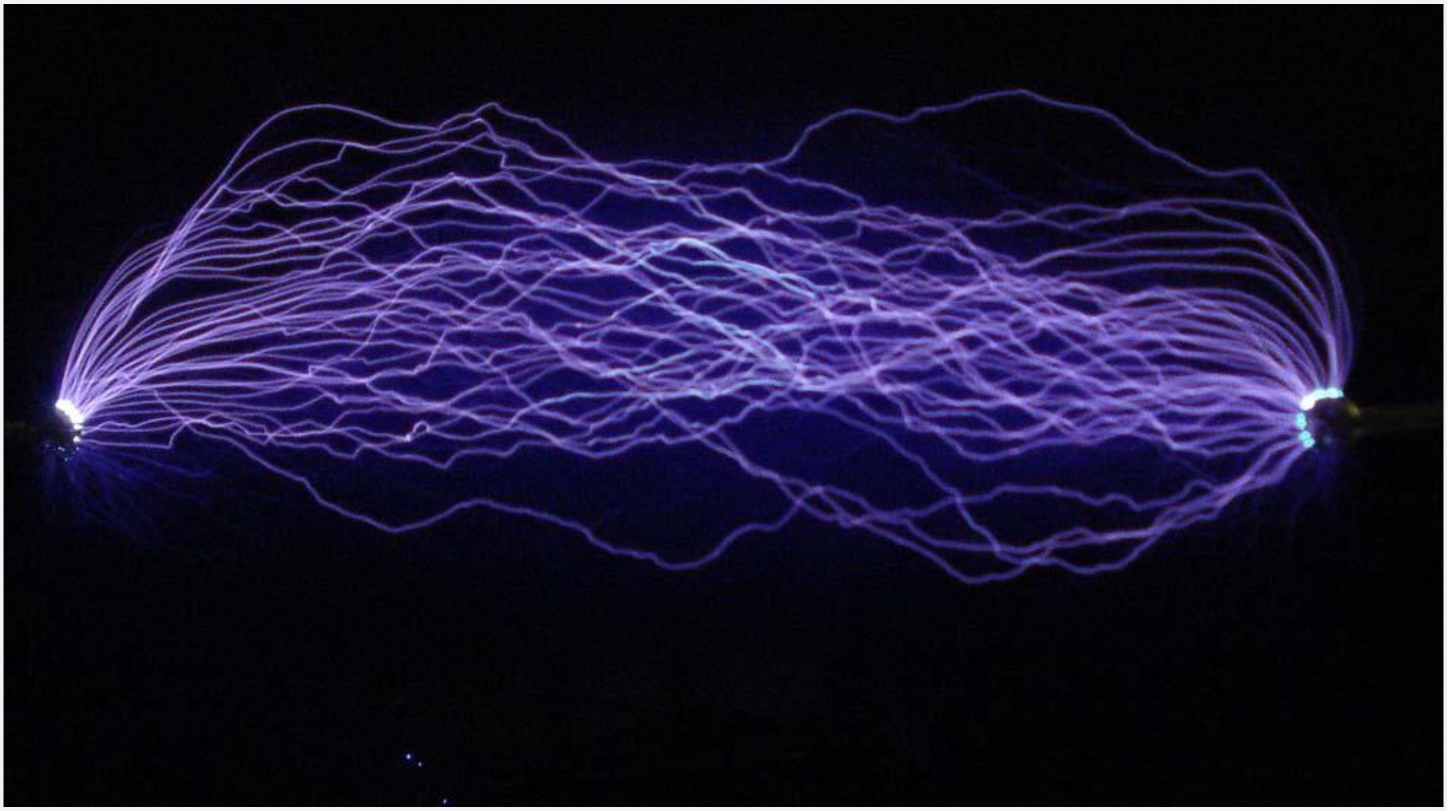


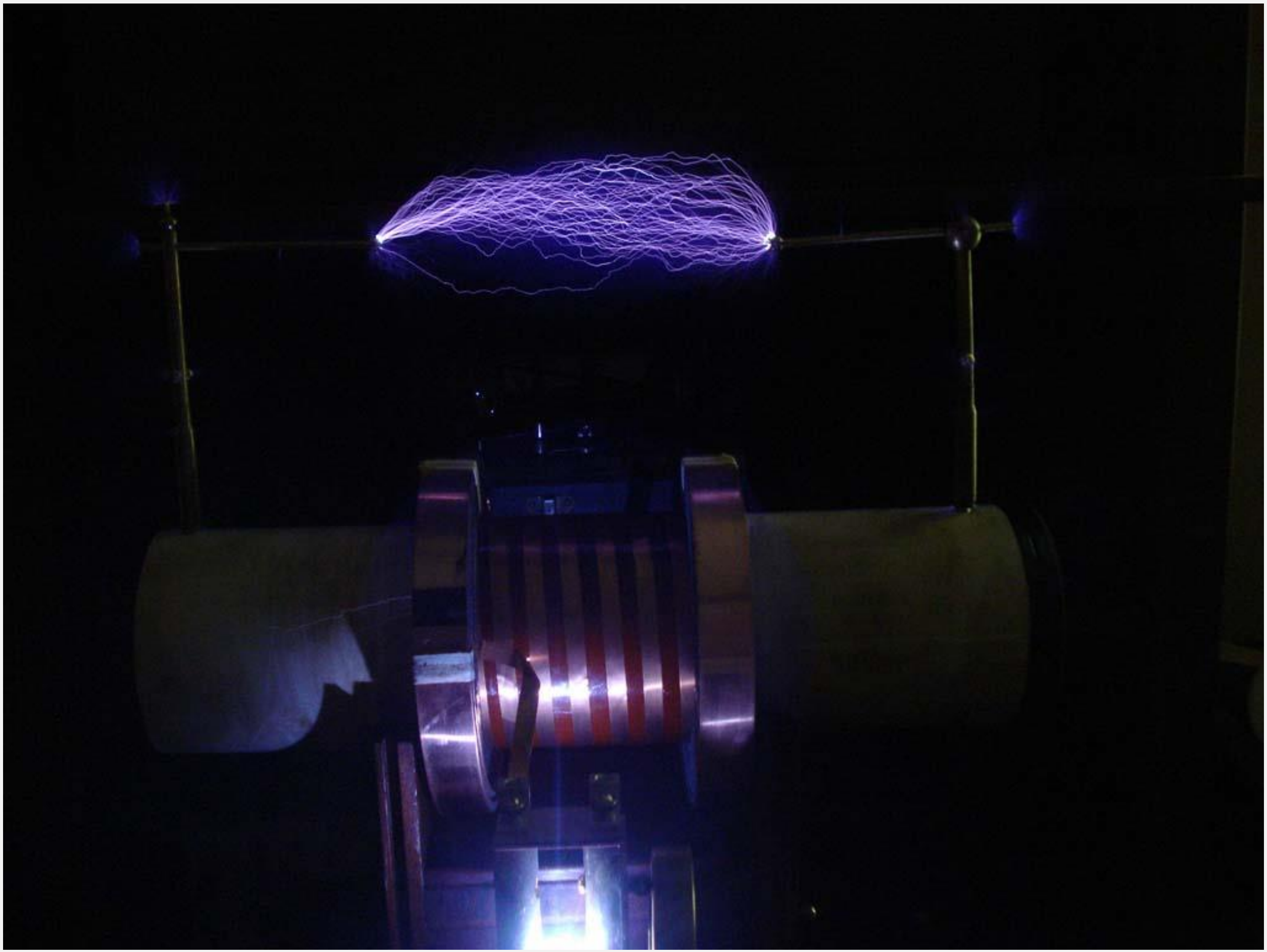


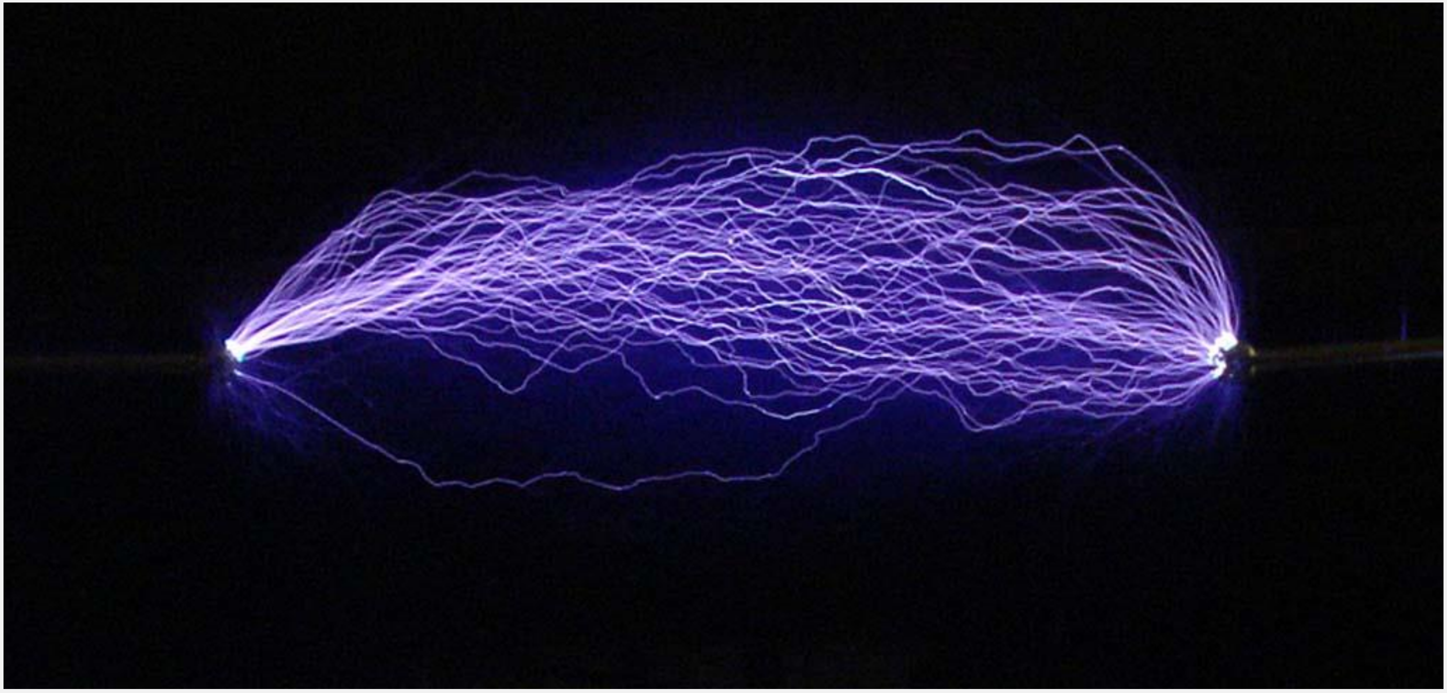


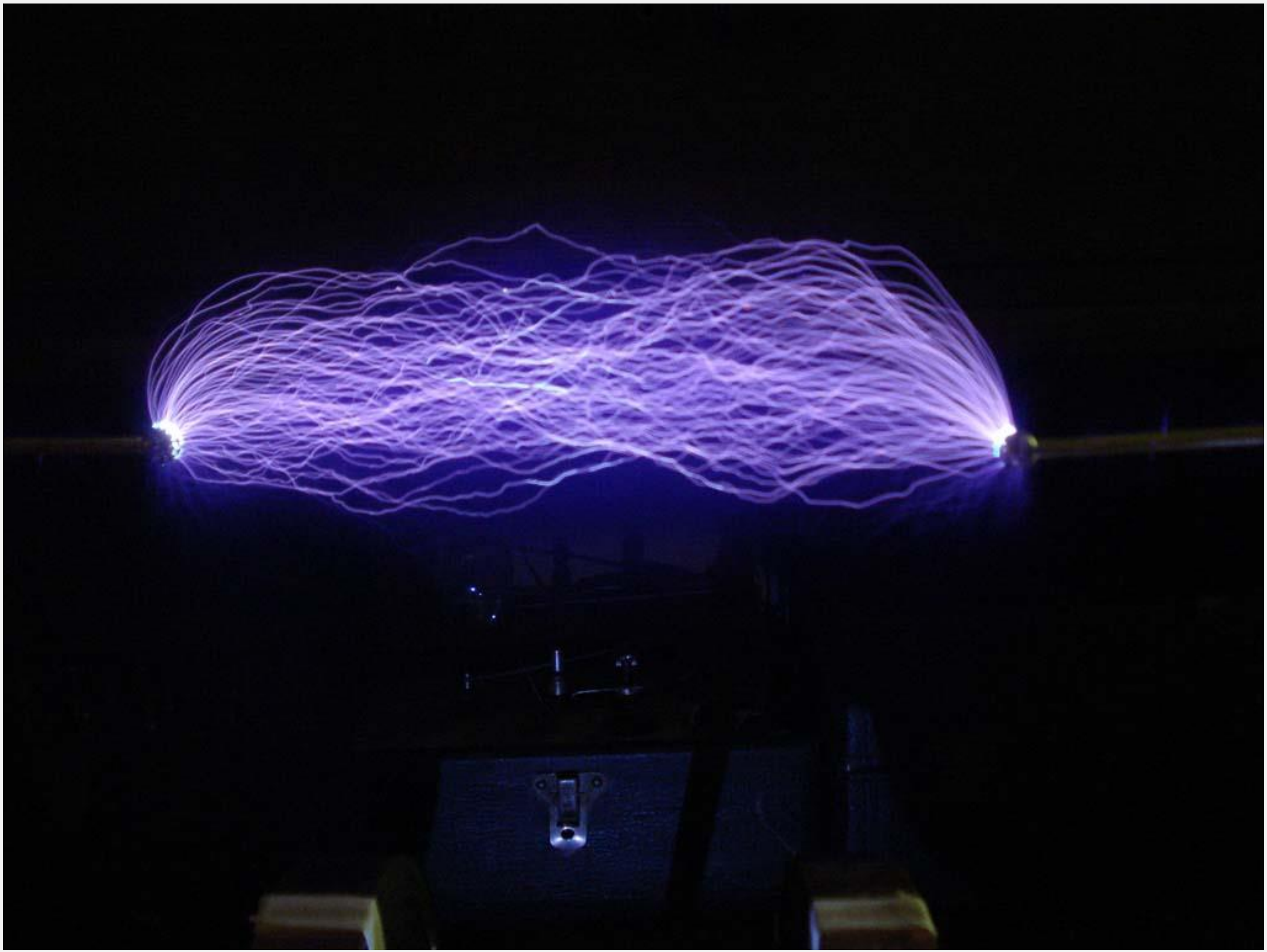


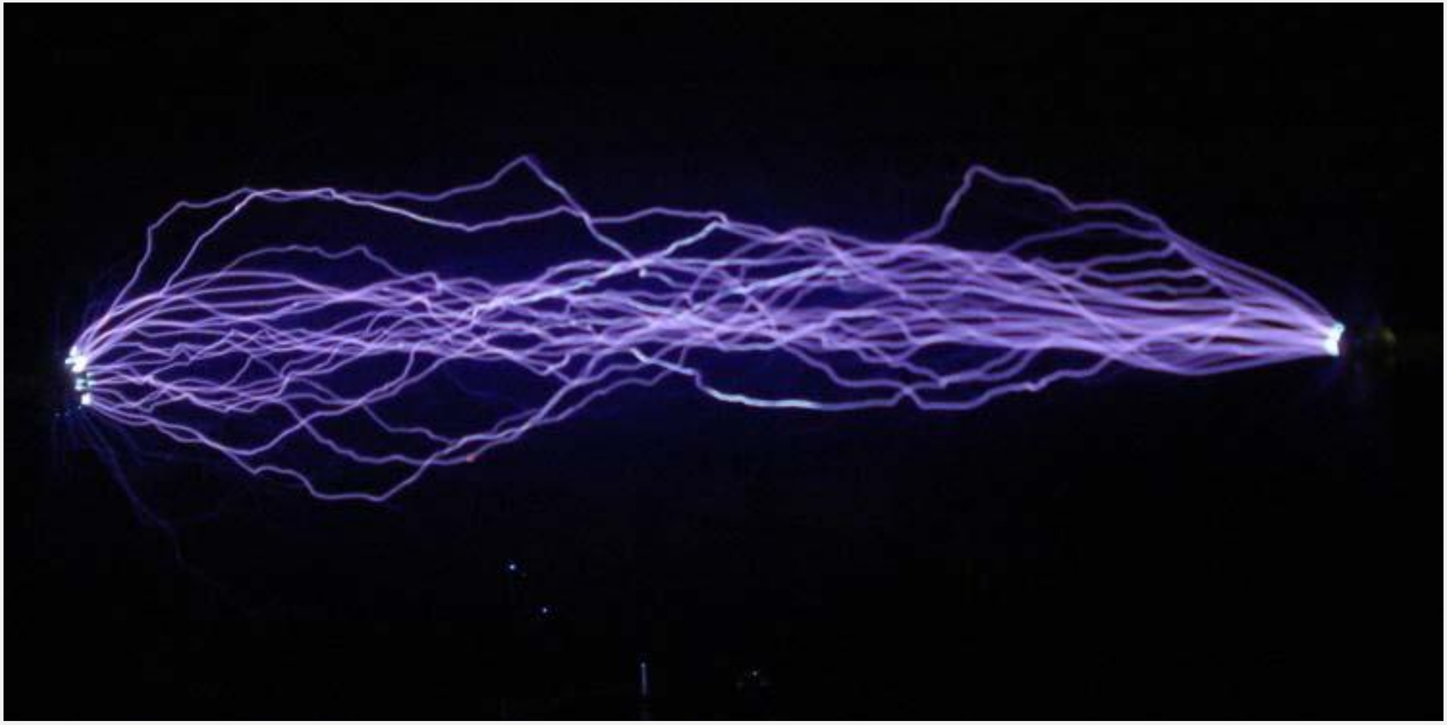


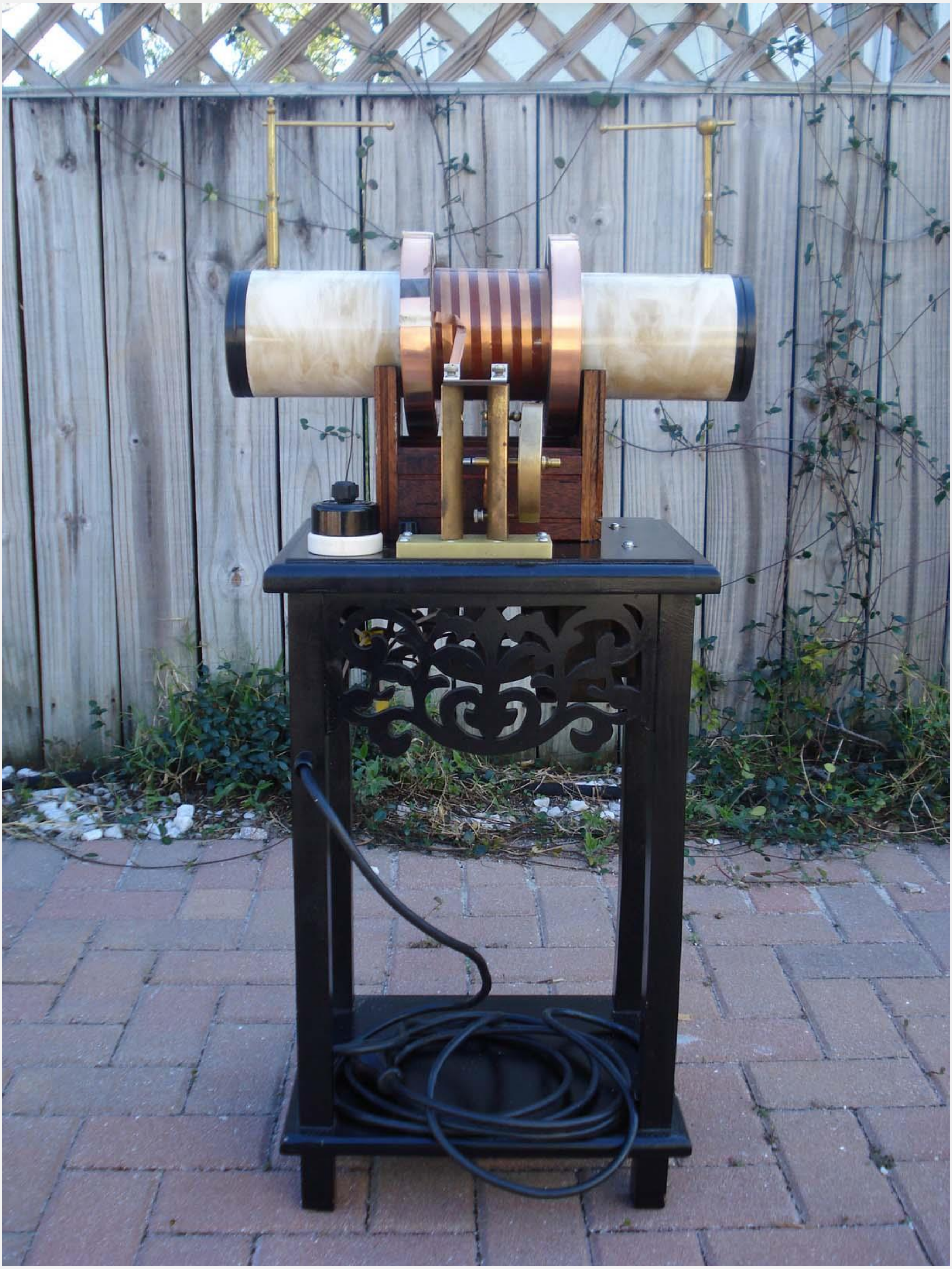


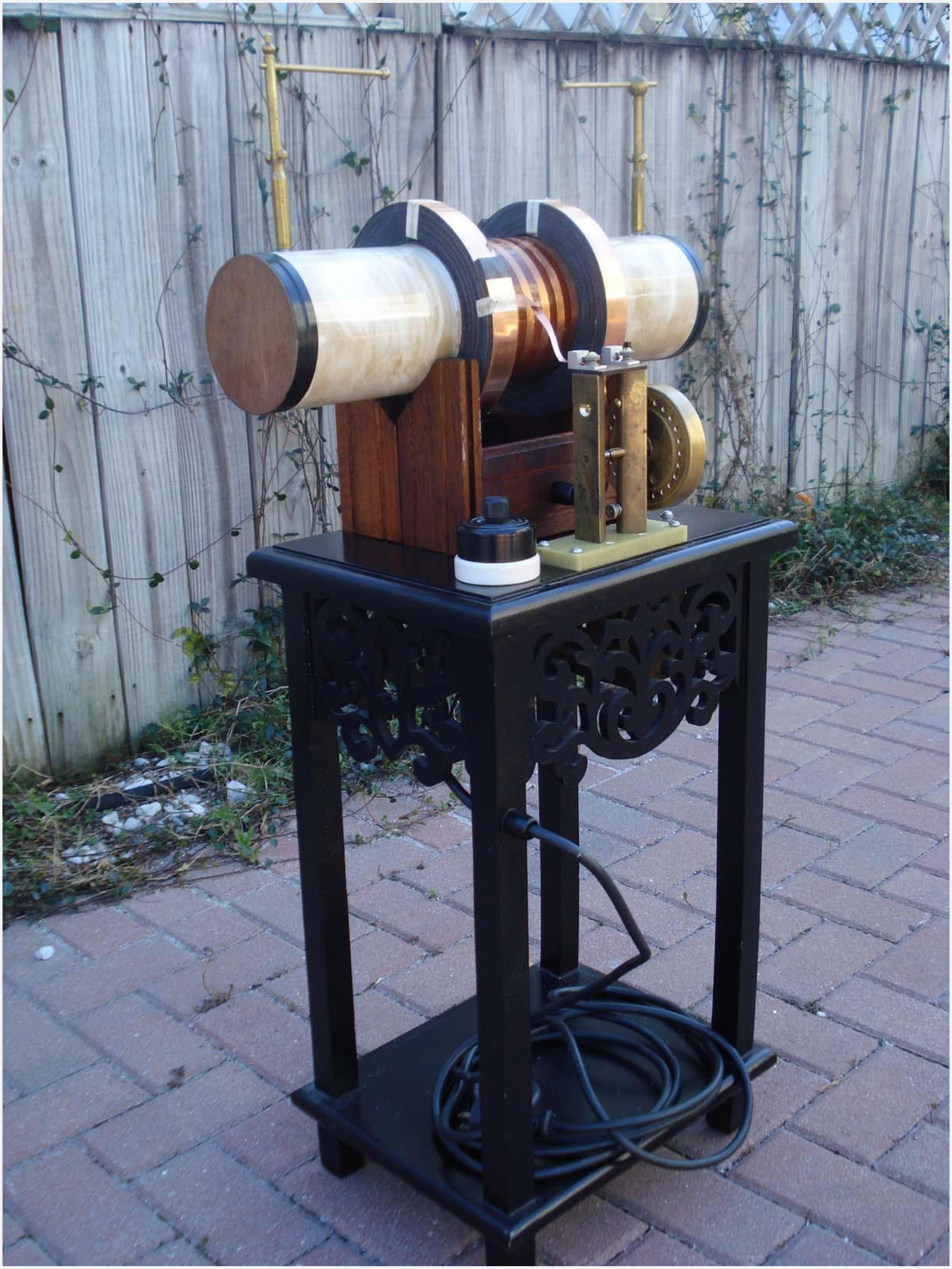


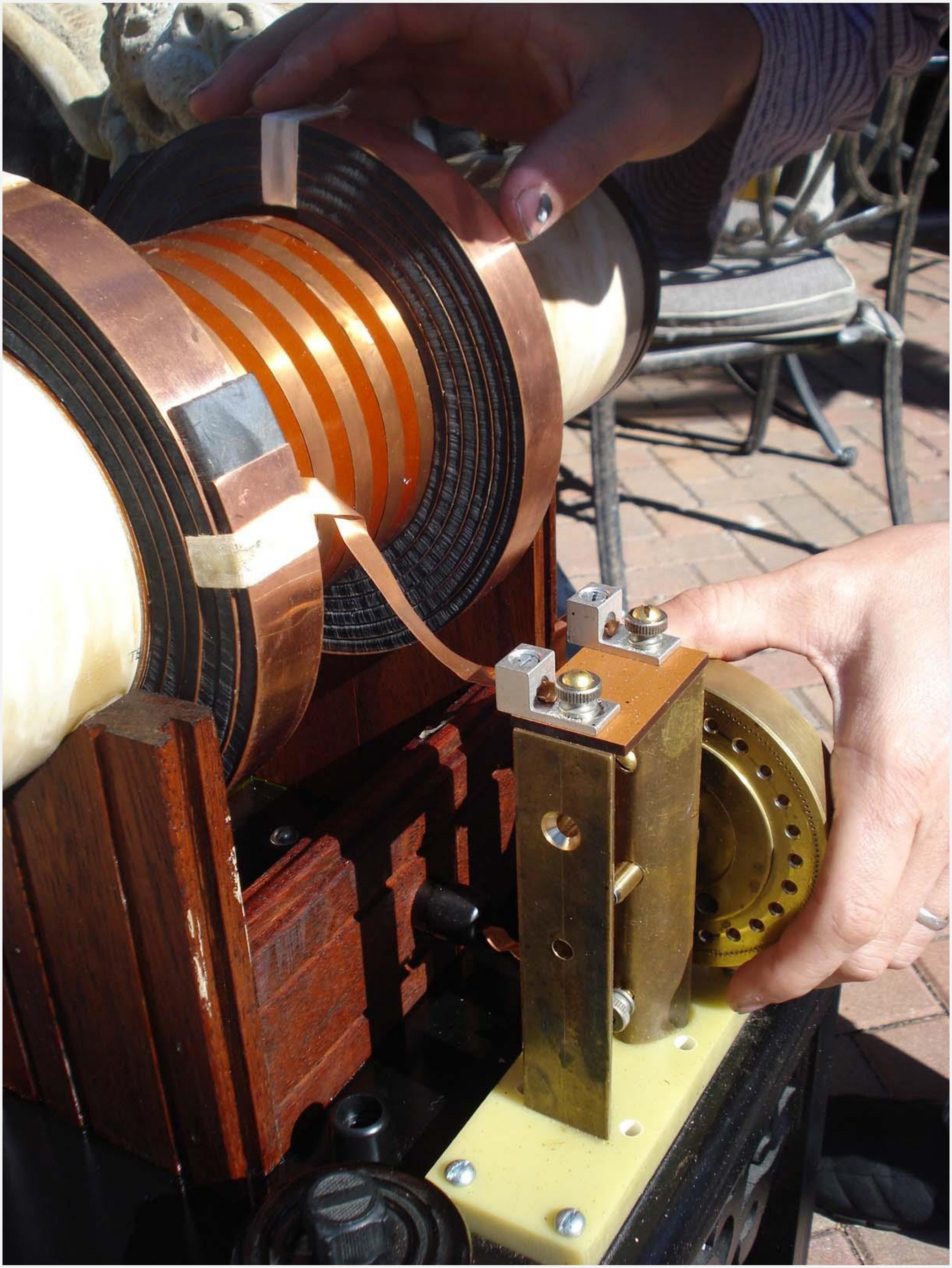


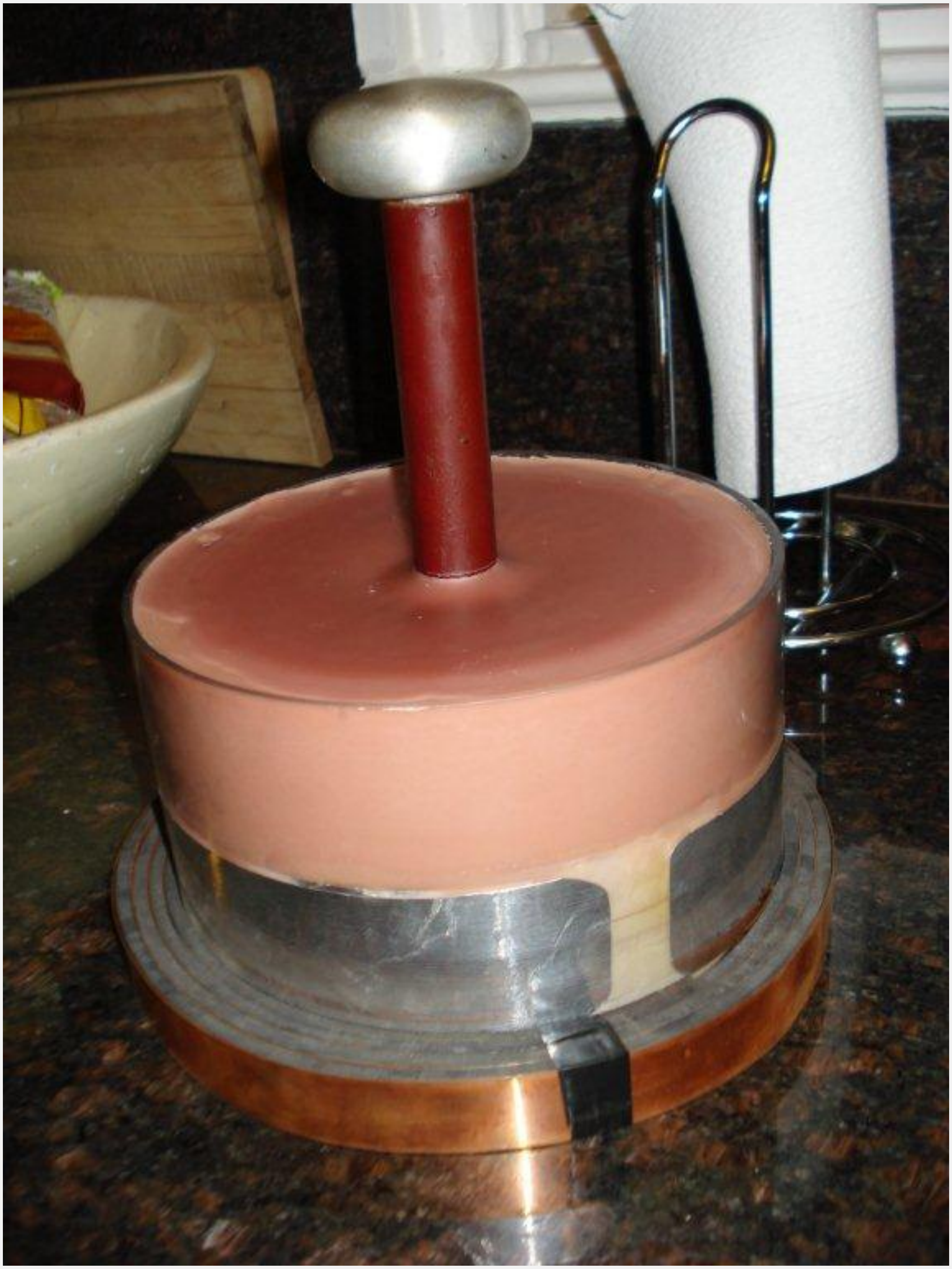


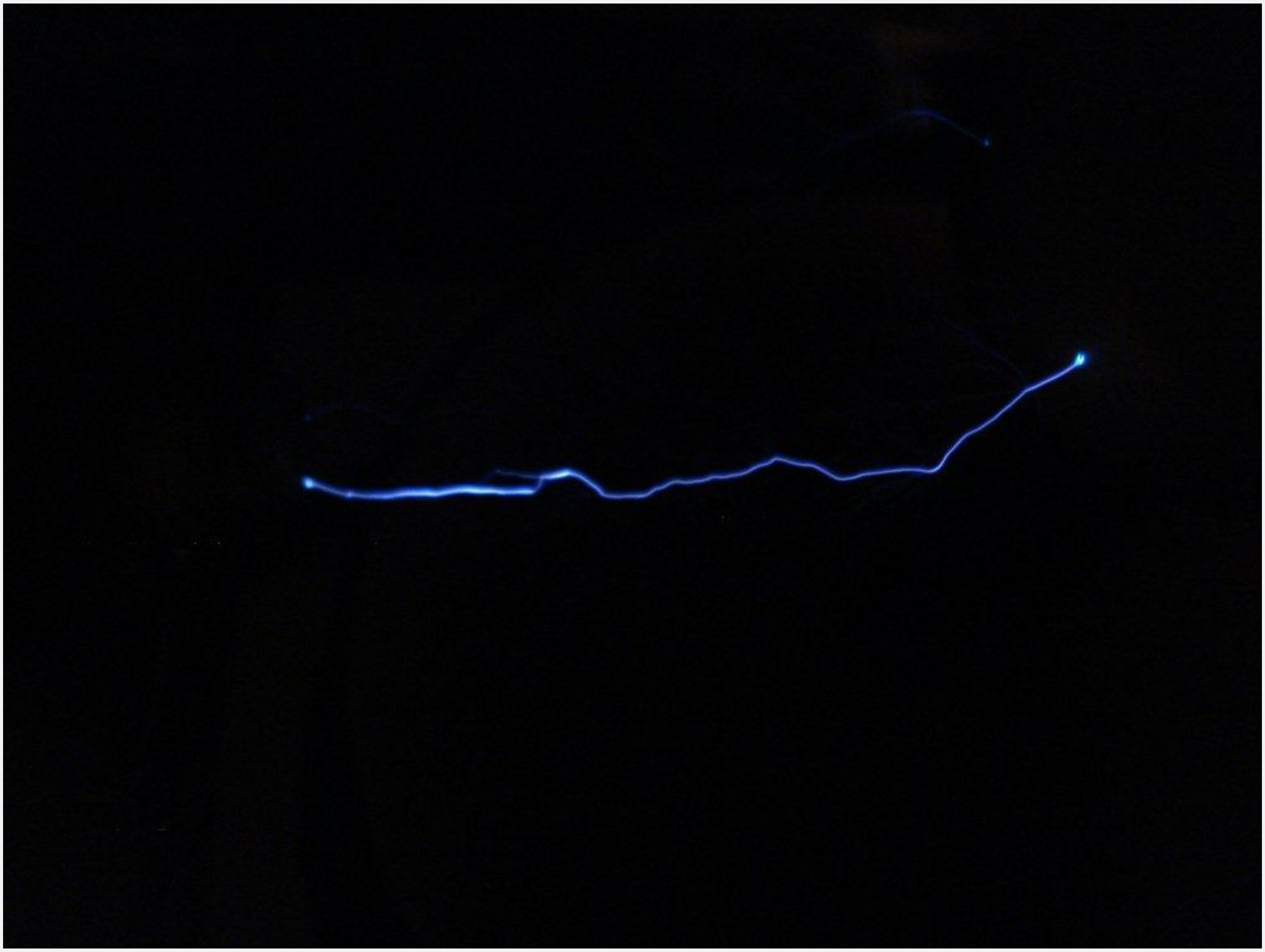


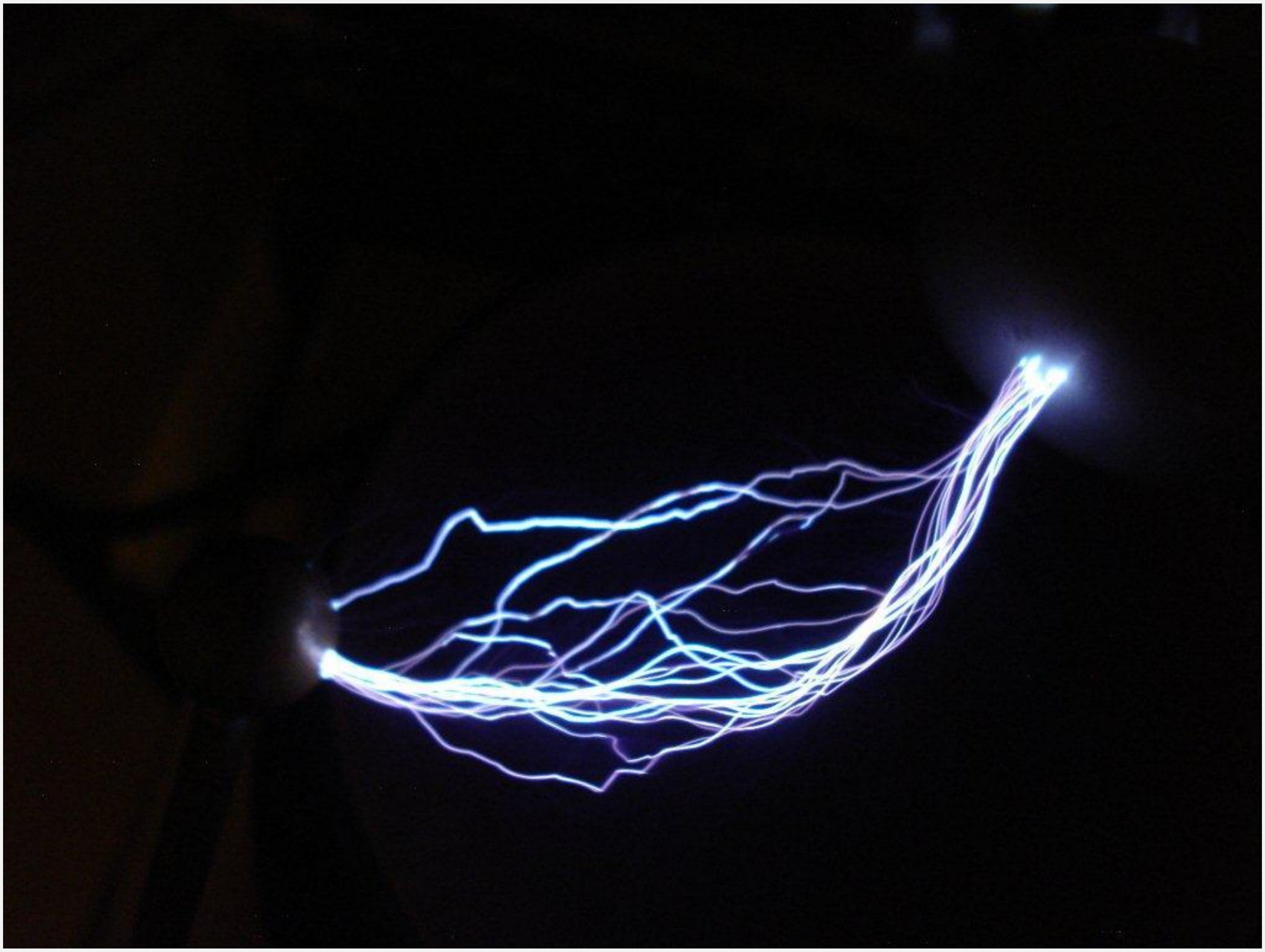


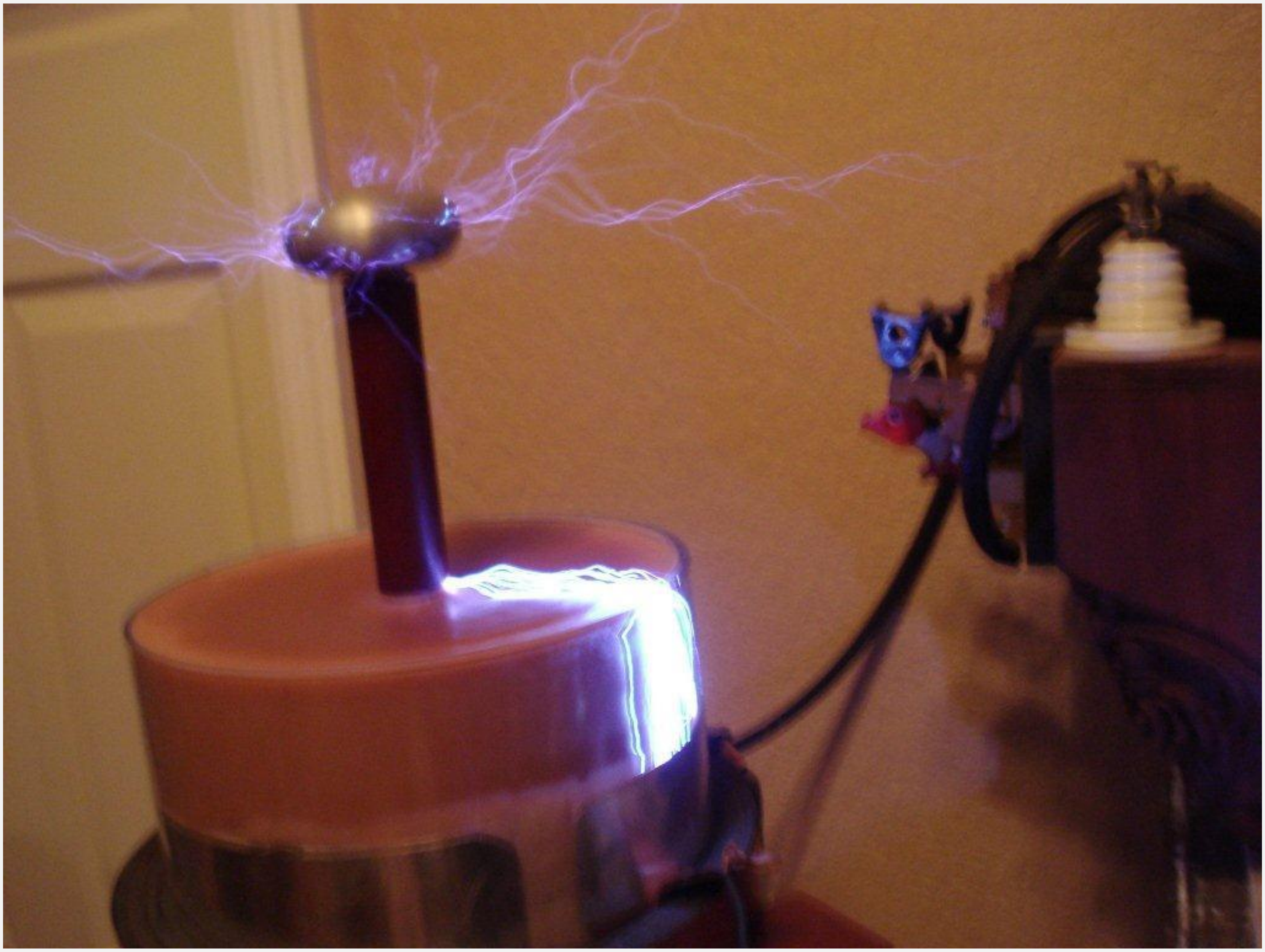


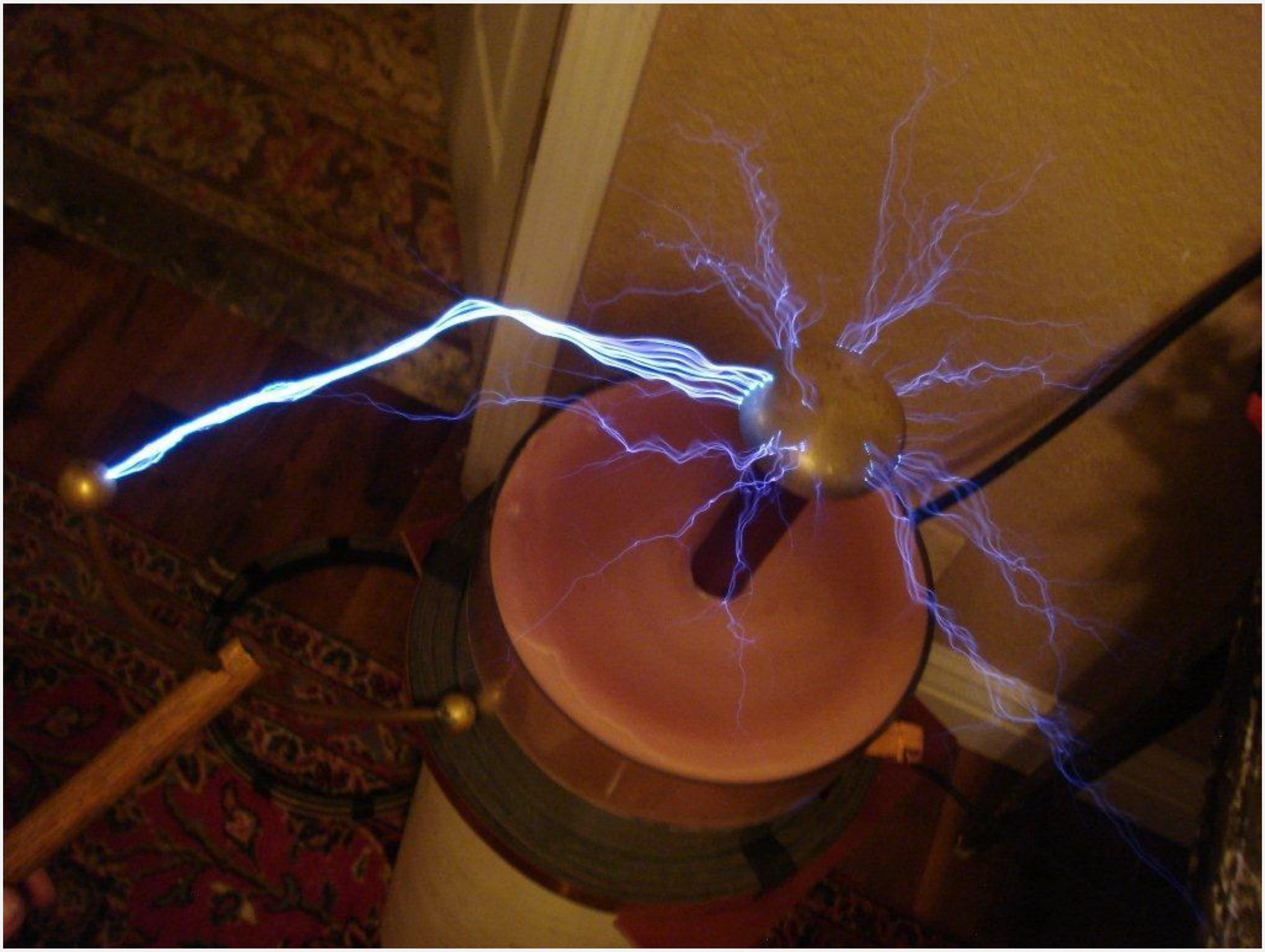


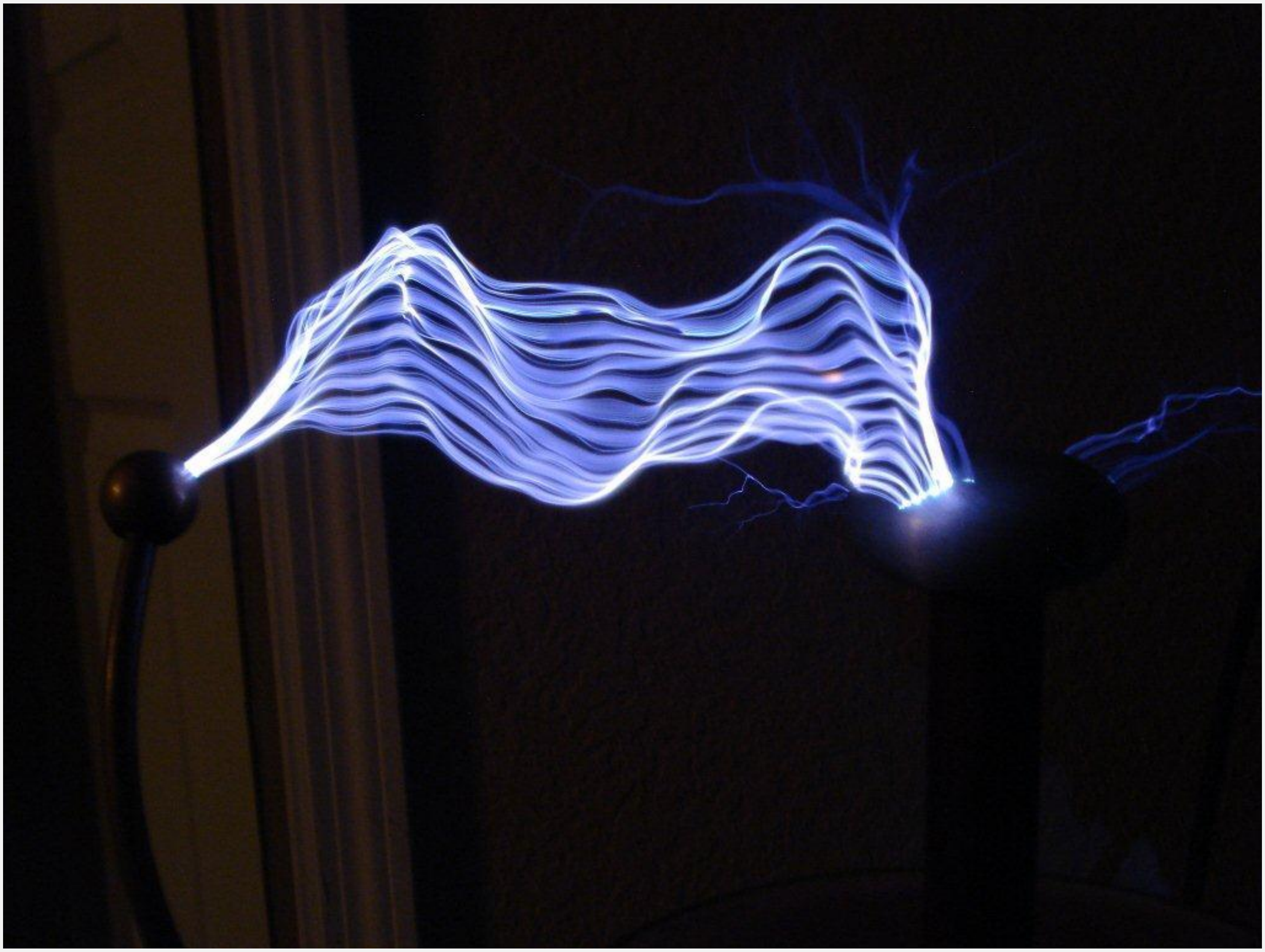


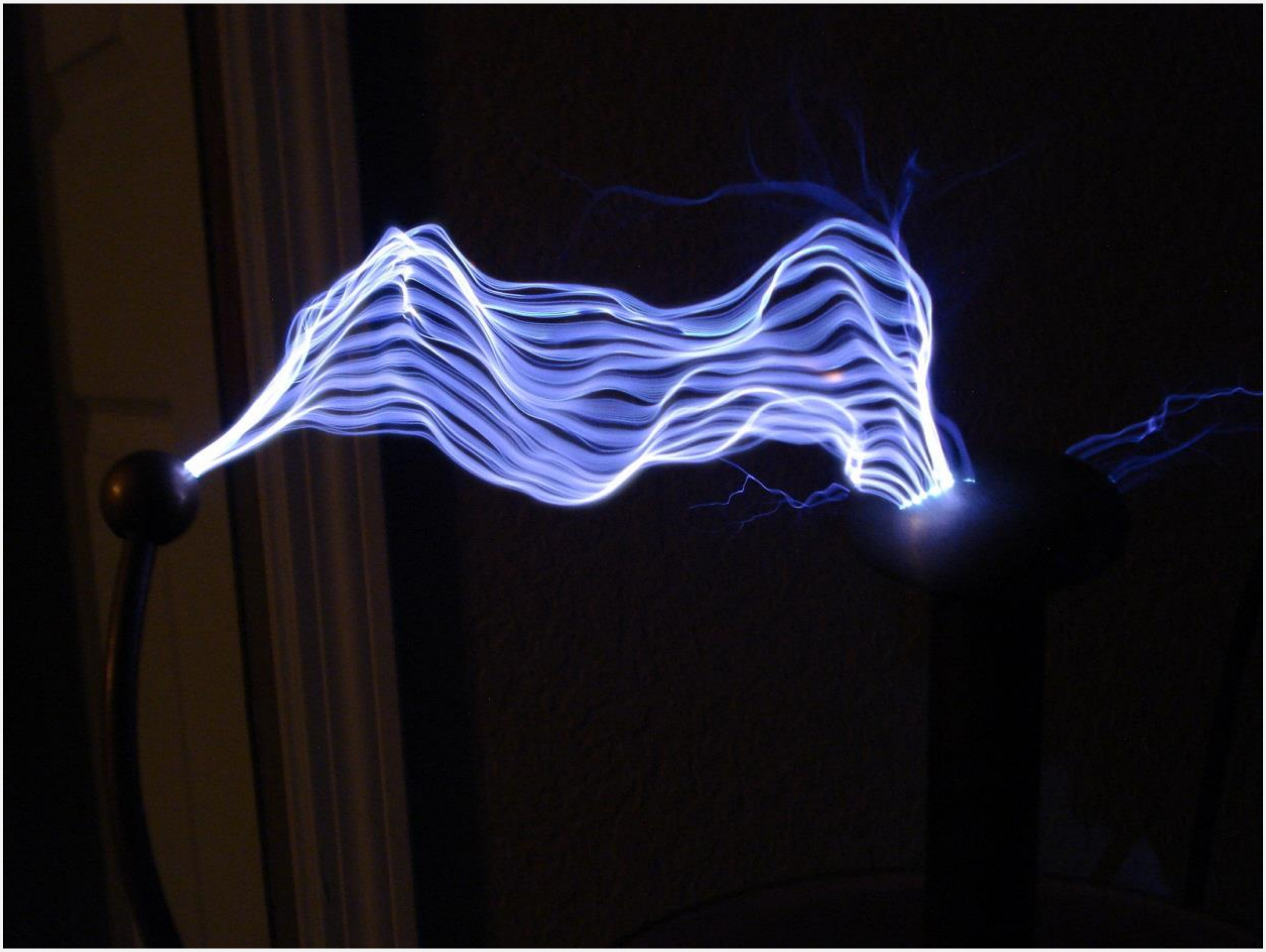


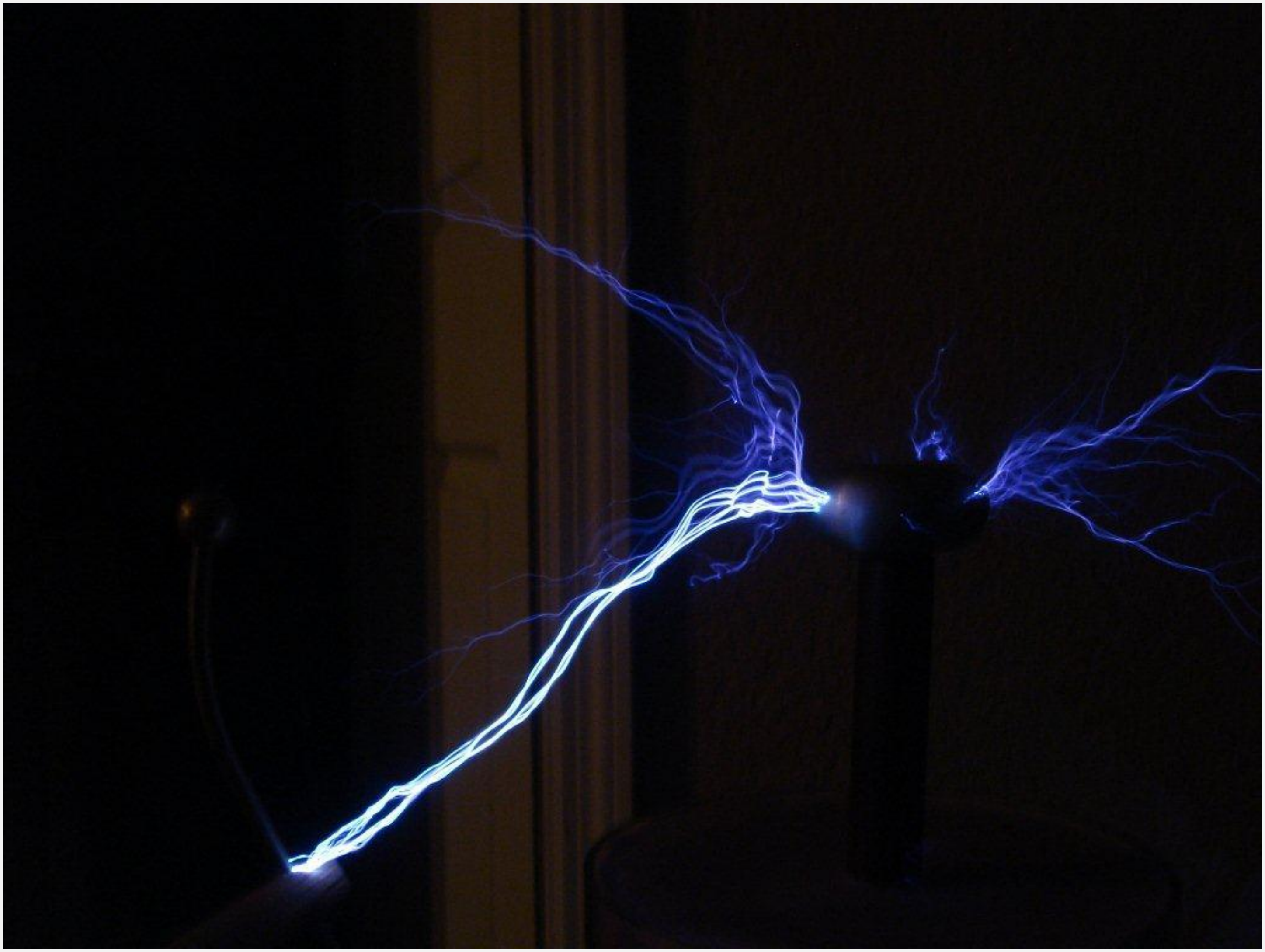


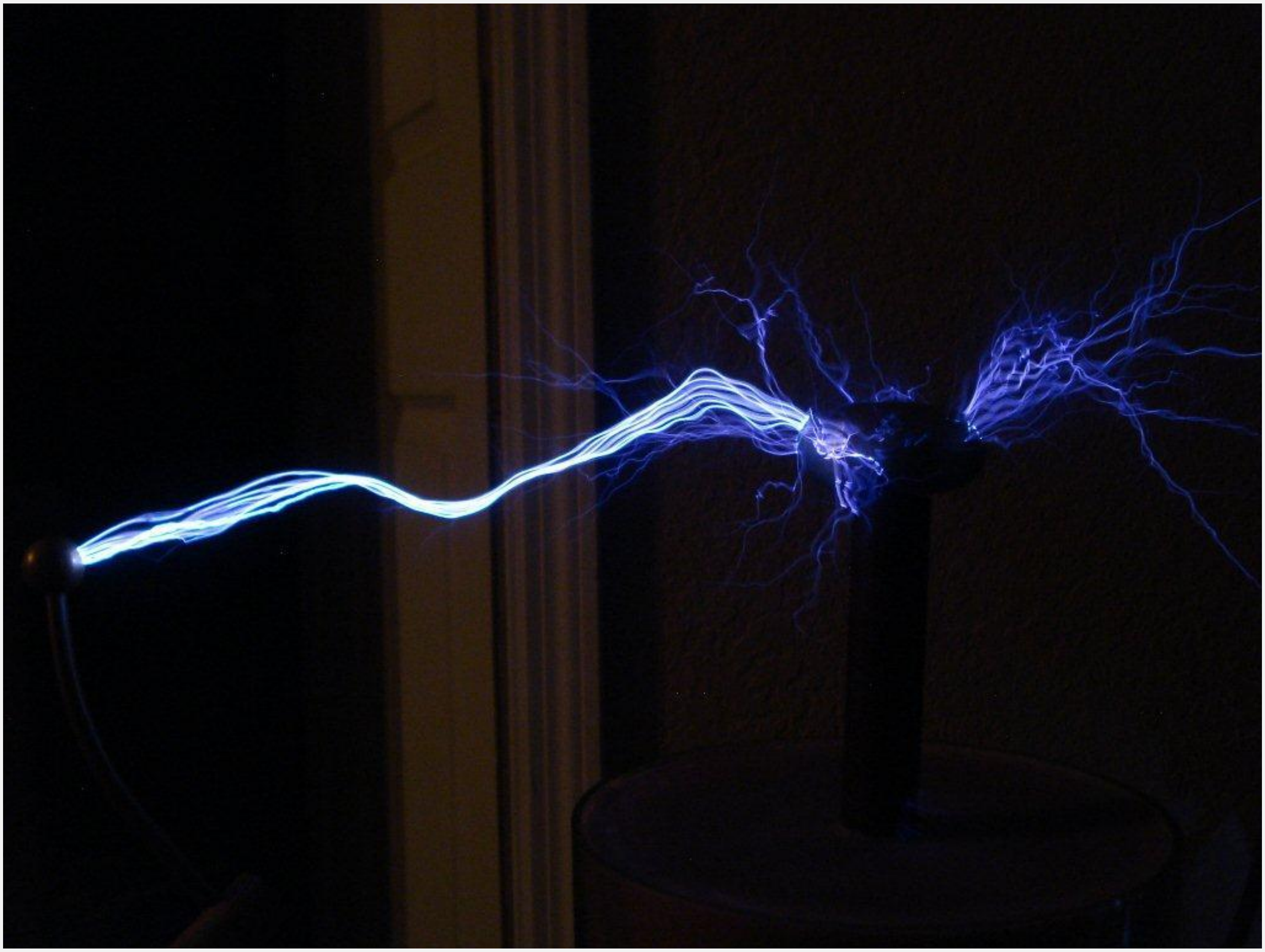


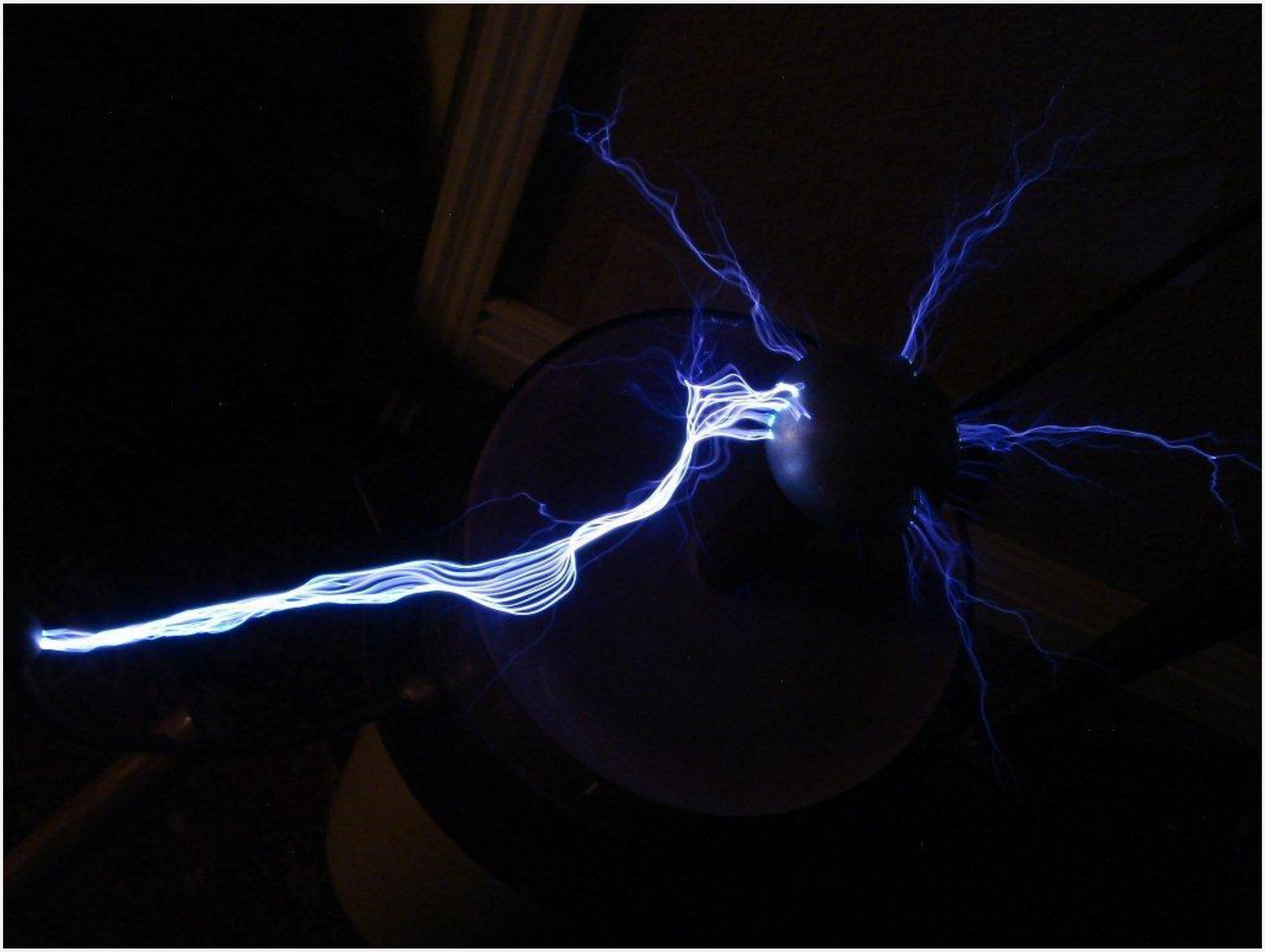


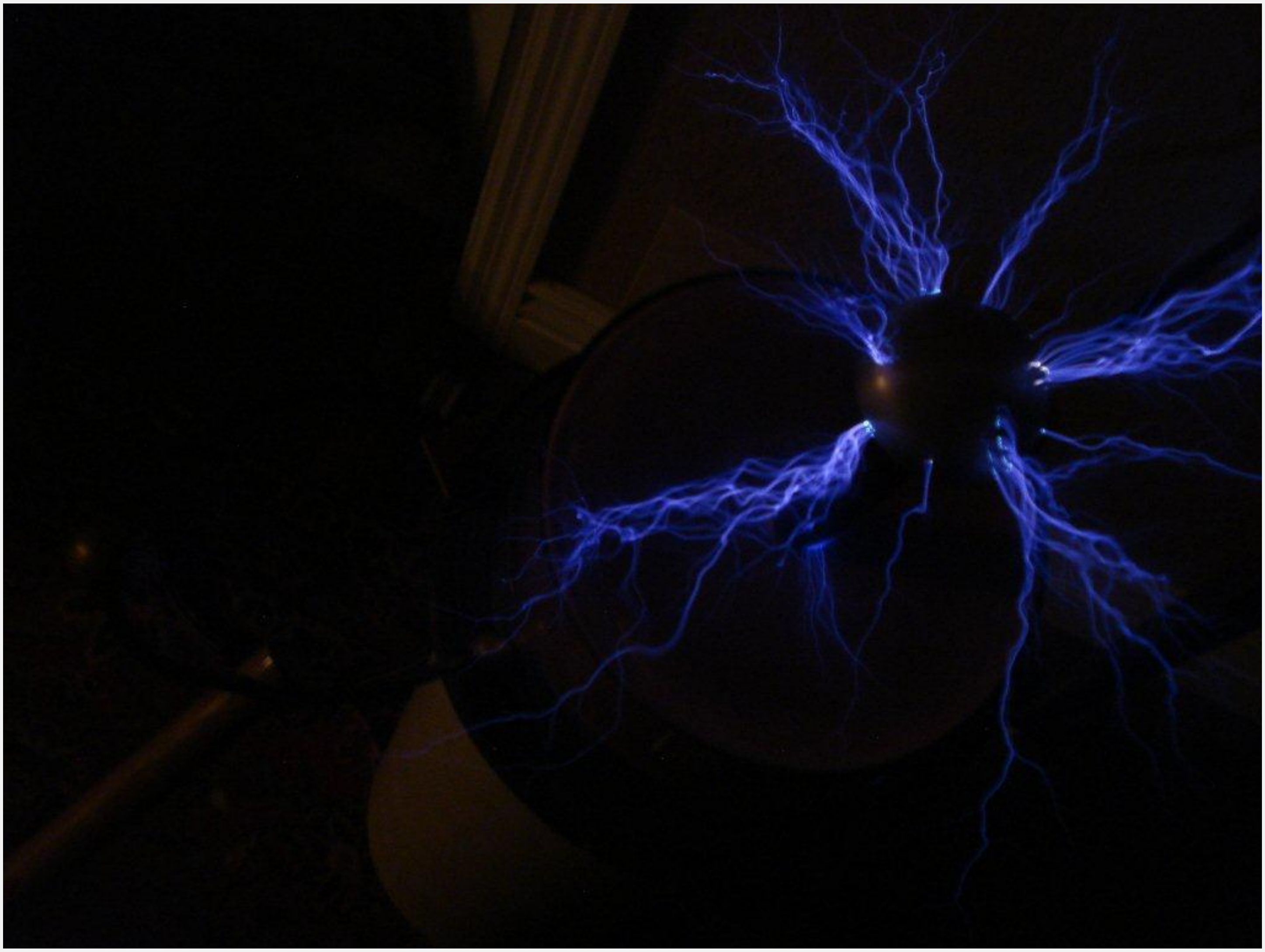


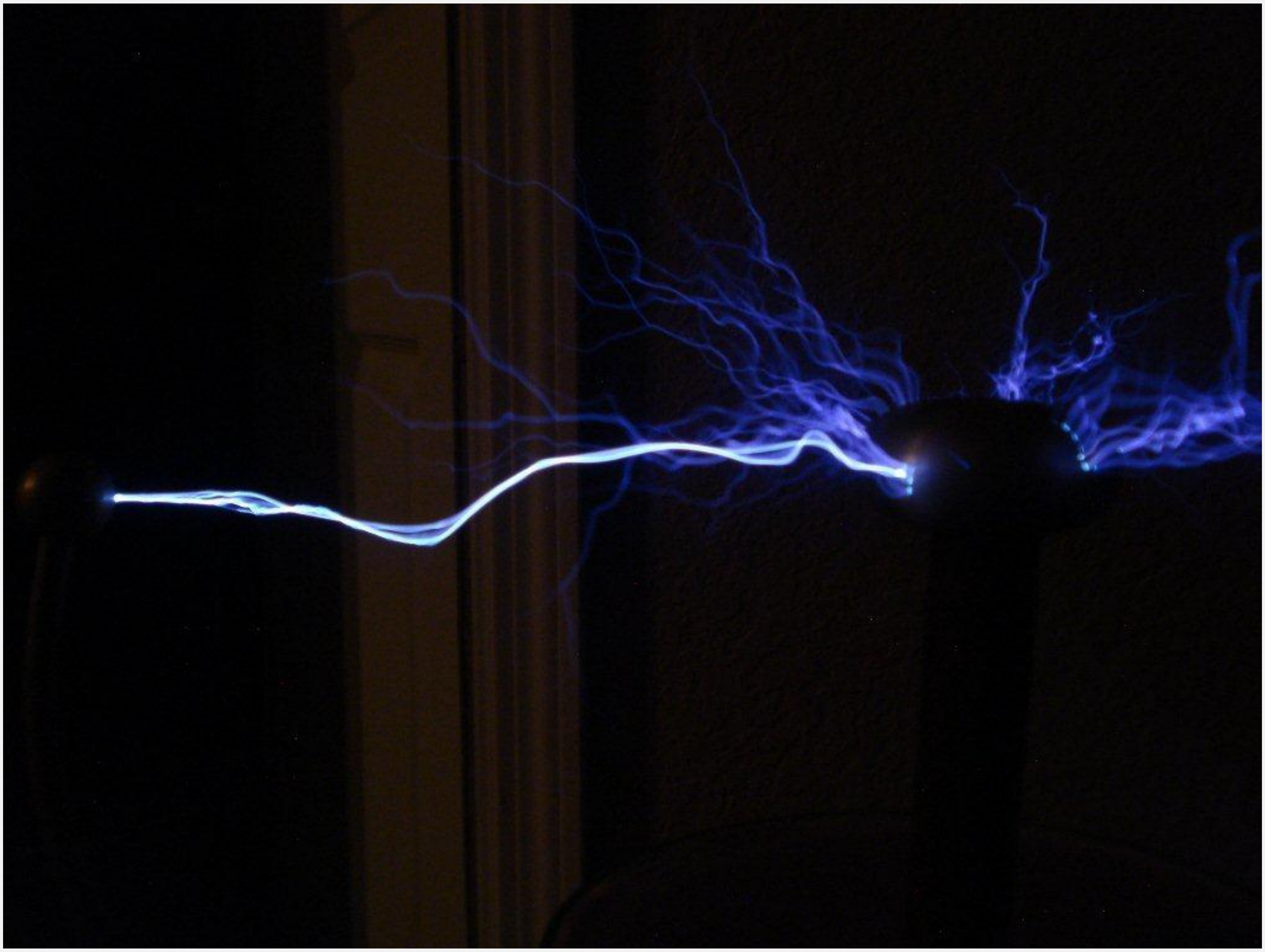


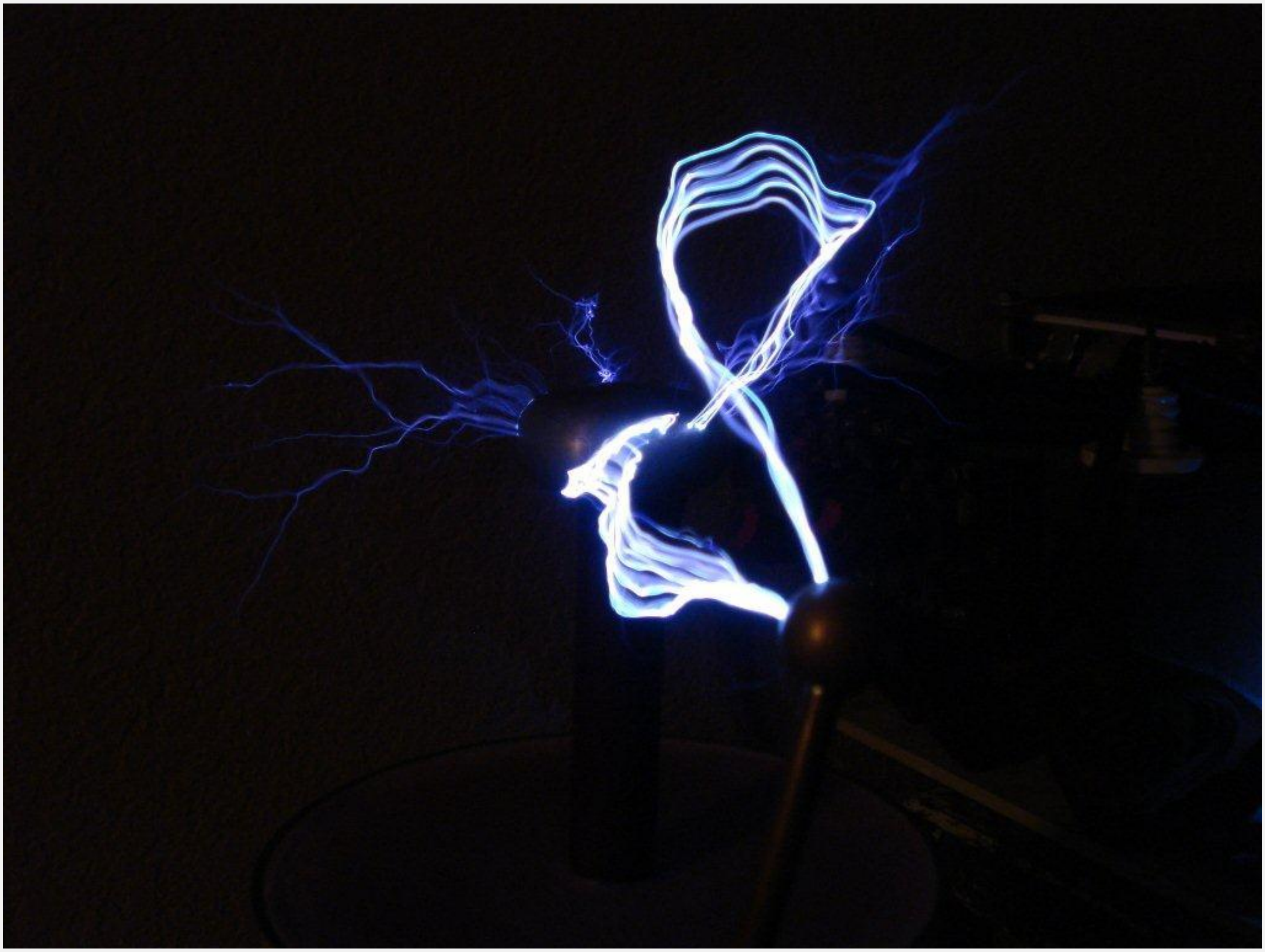


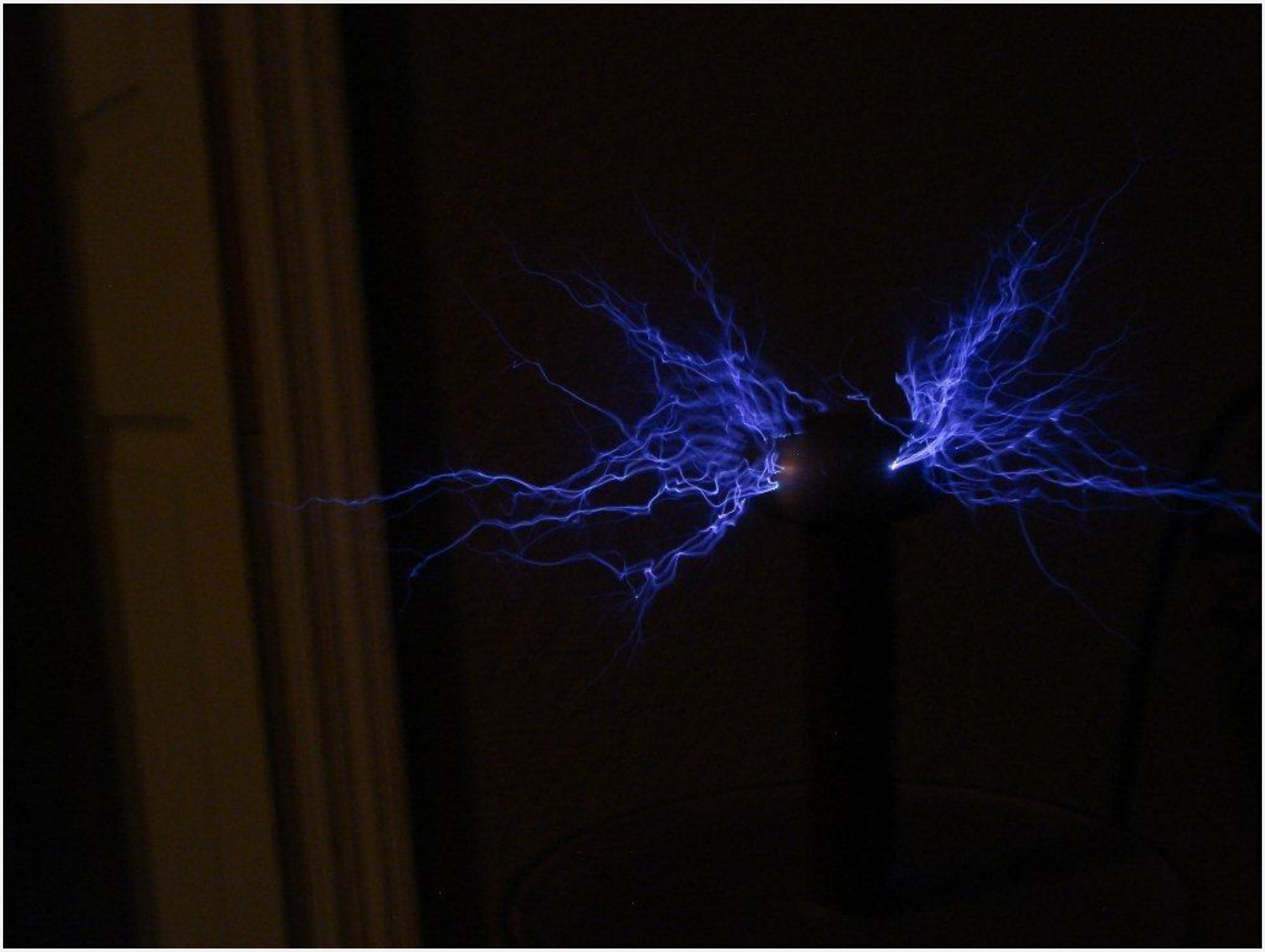


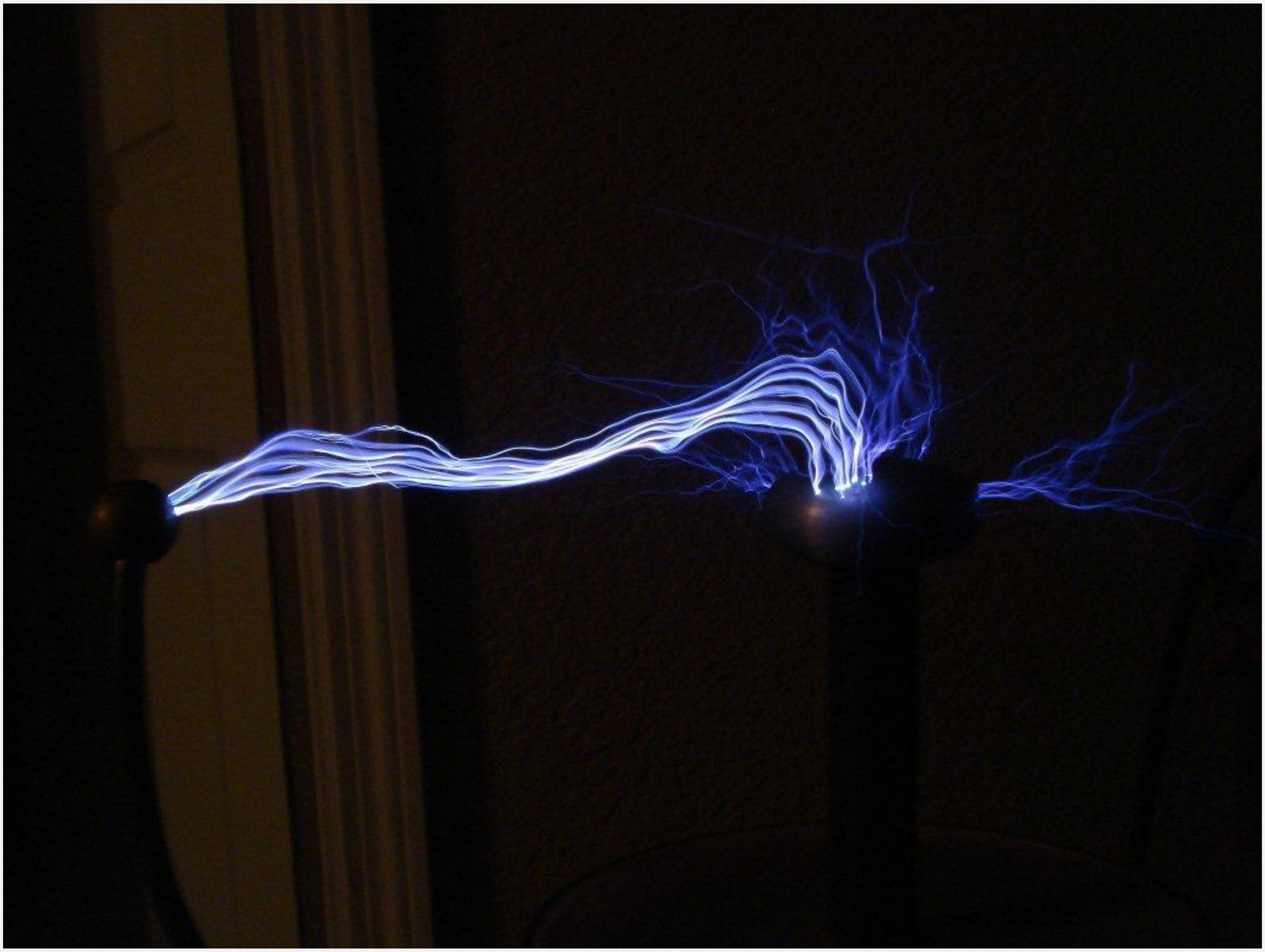


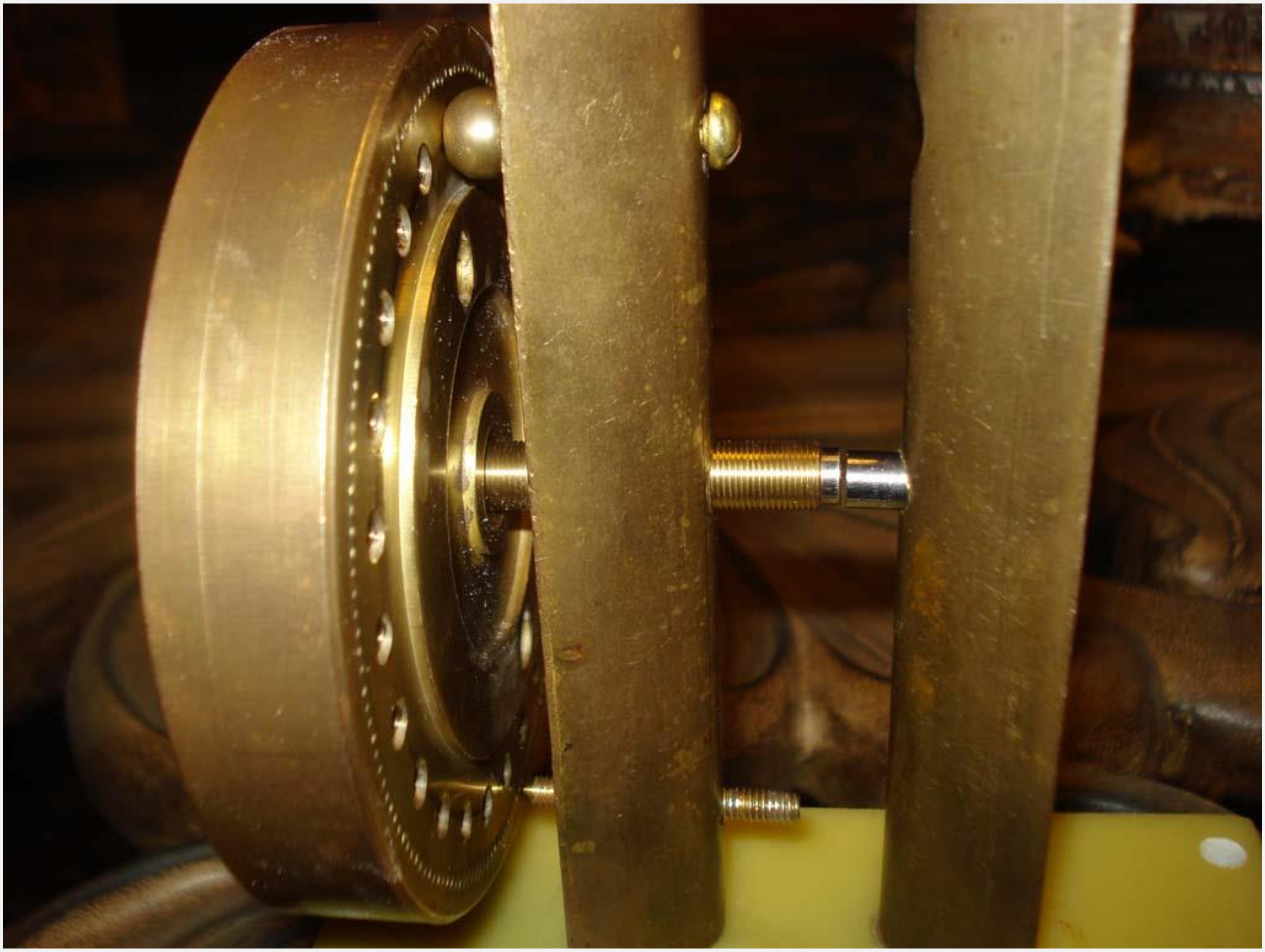


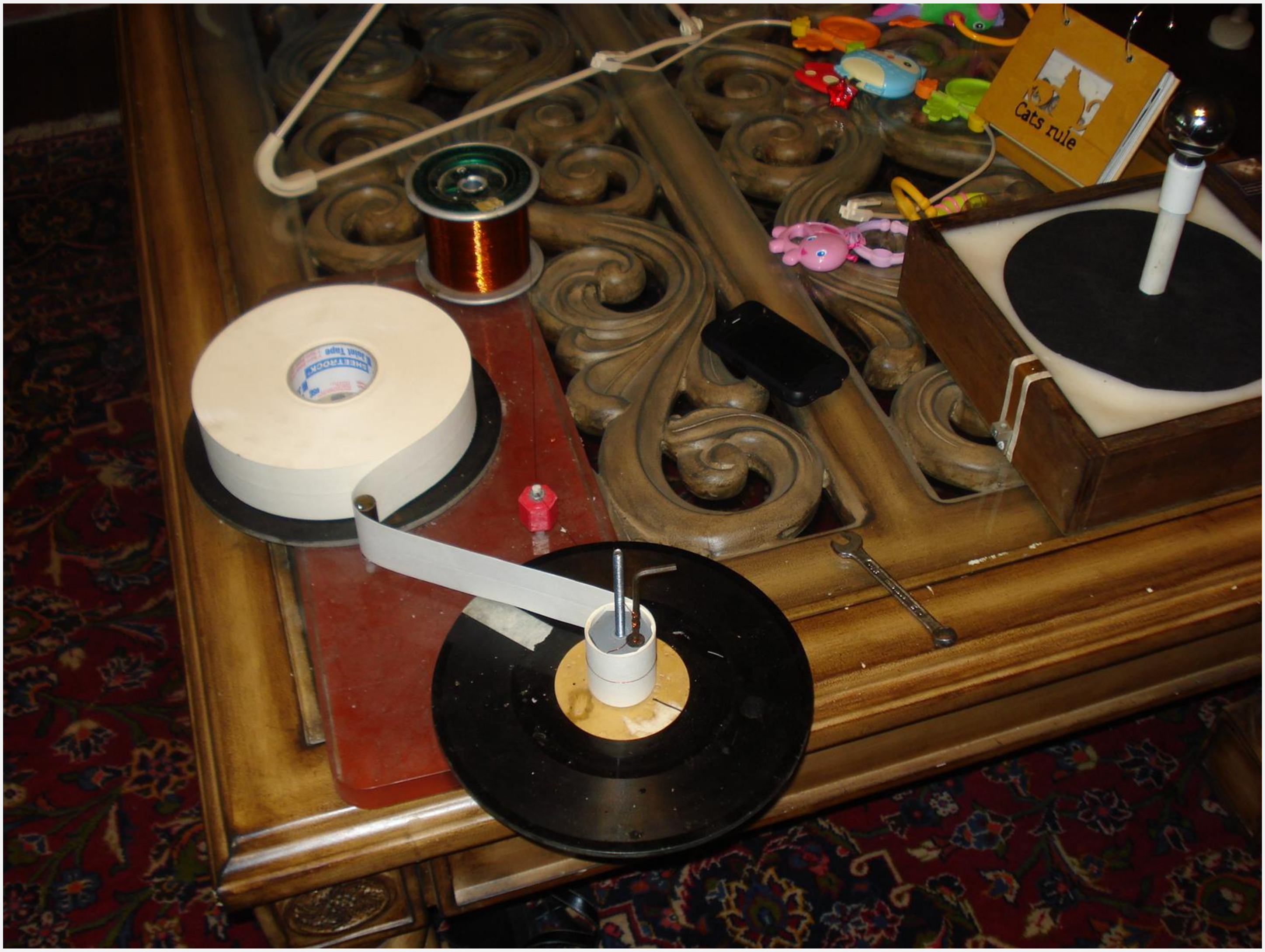






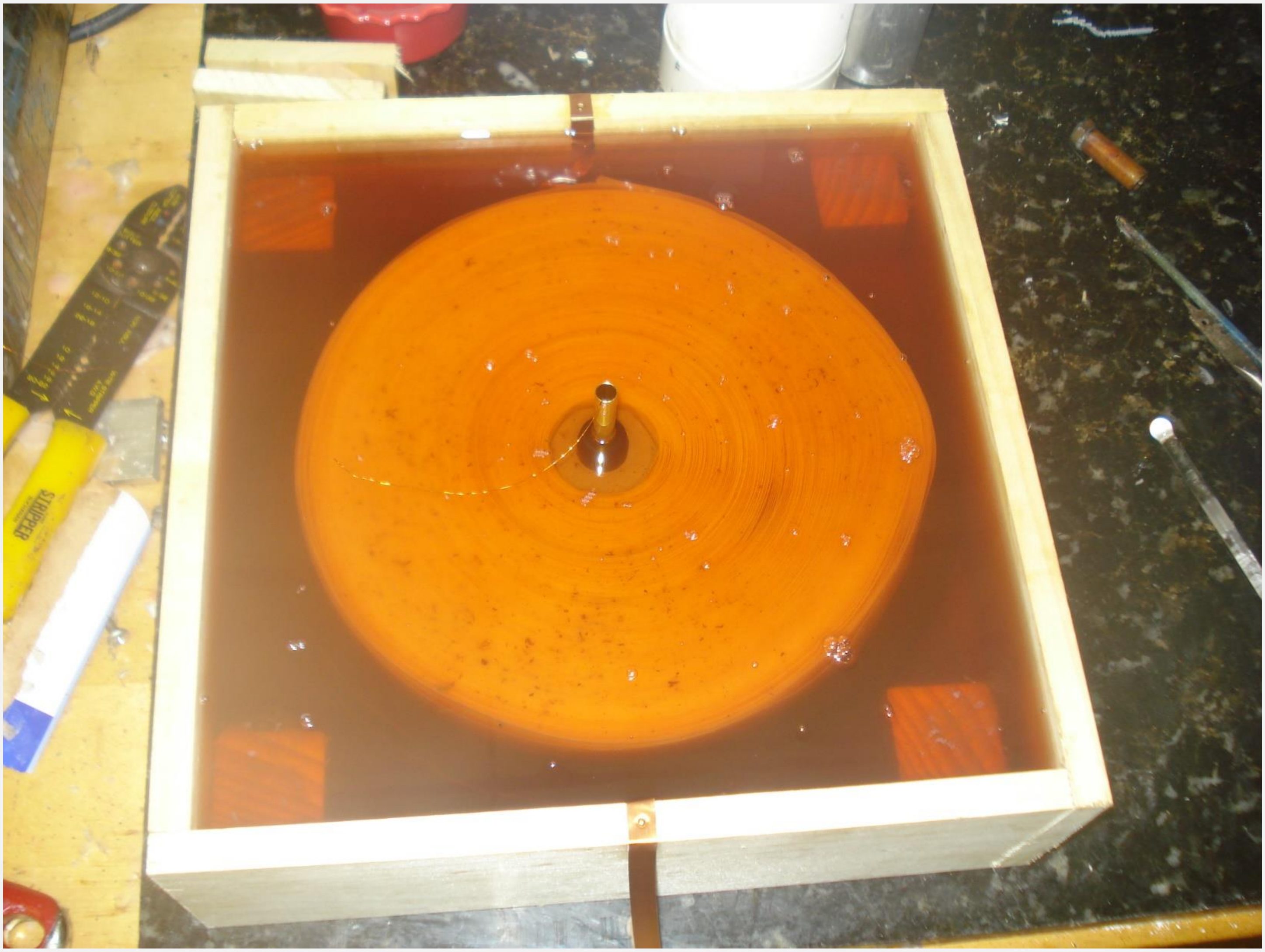


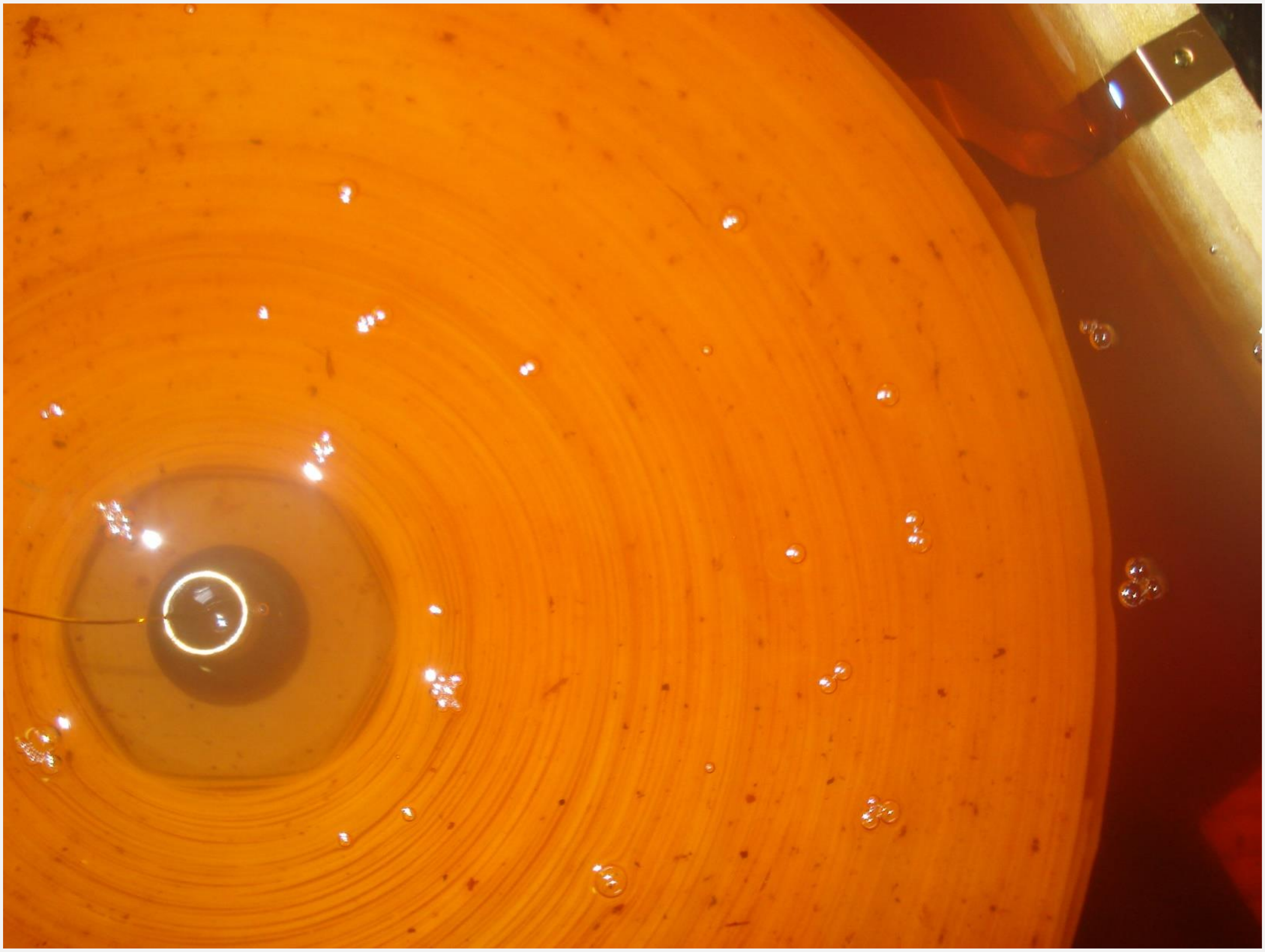


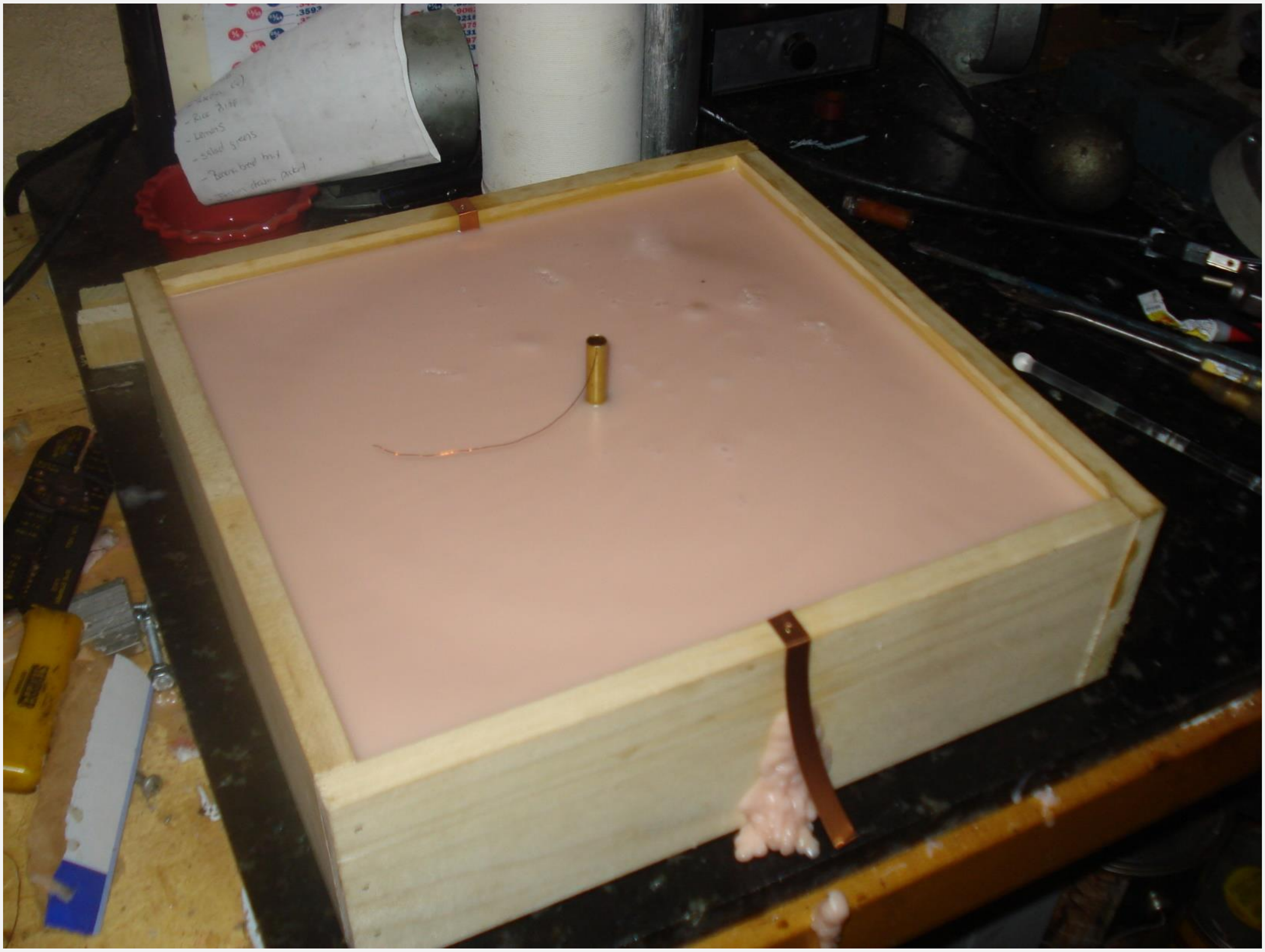


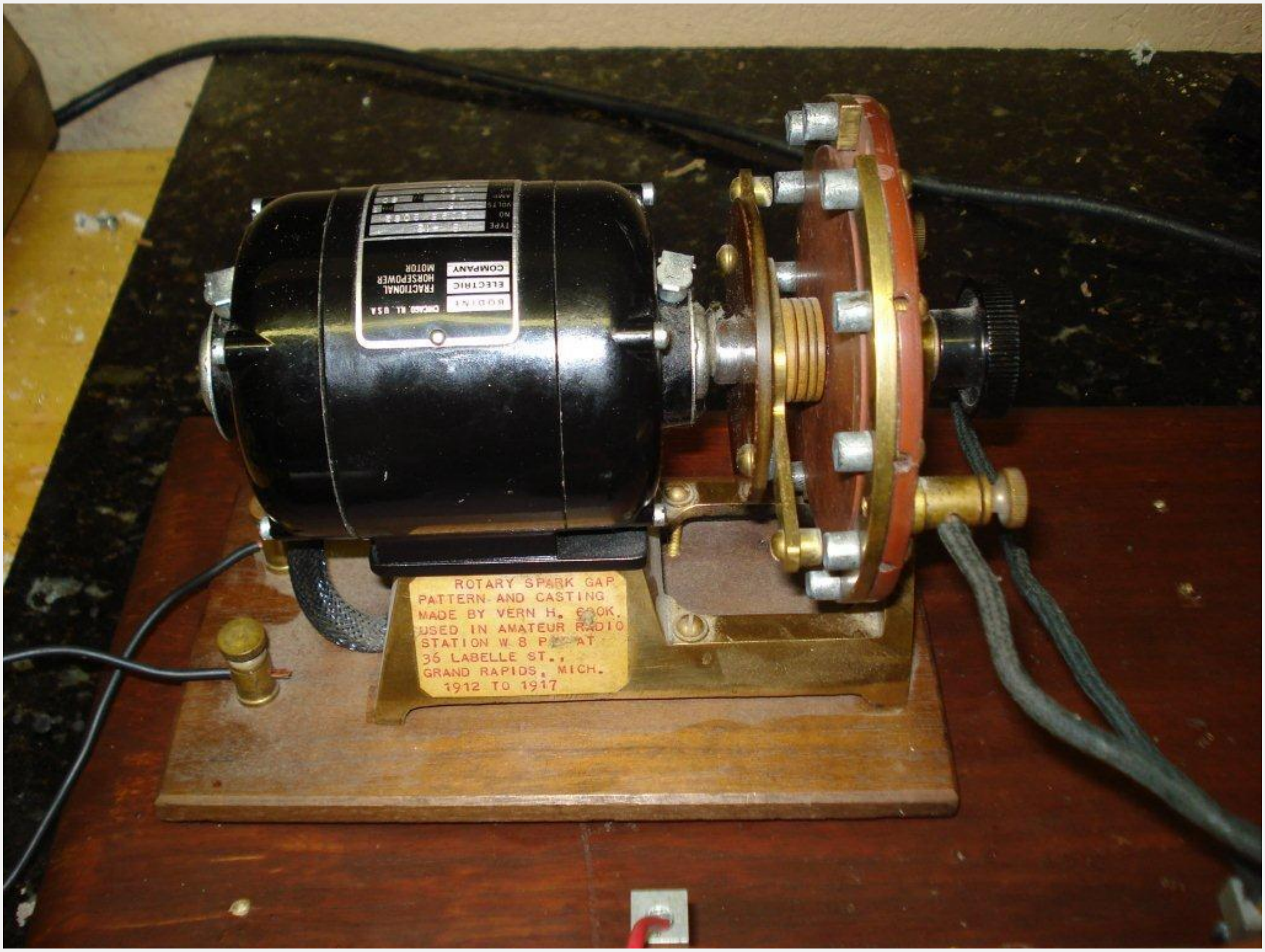
SHEETROCK Joint Tape
Cats rule

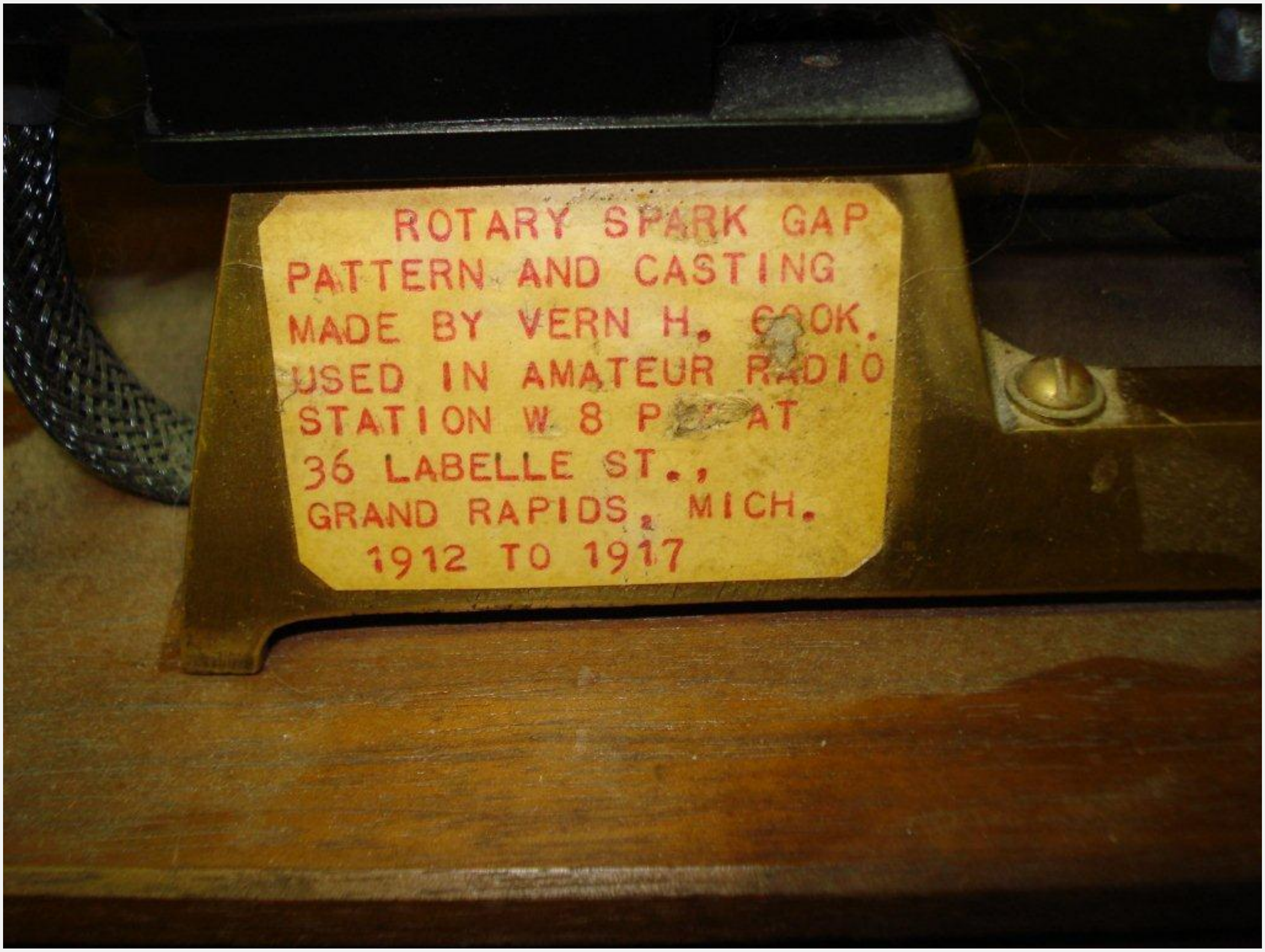
Cats rule








BODINE
ELECTRIC
COMPANY
FRACTIONAL
HORSEPOWER
MOTOR
CHICAGO ILL. U.S.A.
ROTARY SPARK GAP
PATTERN AND CASTING
MADE BY VERN H. COOK.
USED IN AMATEUR RADIO
STATION W 8 P[illegible] AT
36 LABELLE ST.,
GRAND RAPIDS, MICH.
1912 TO 1917



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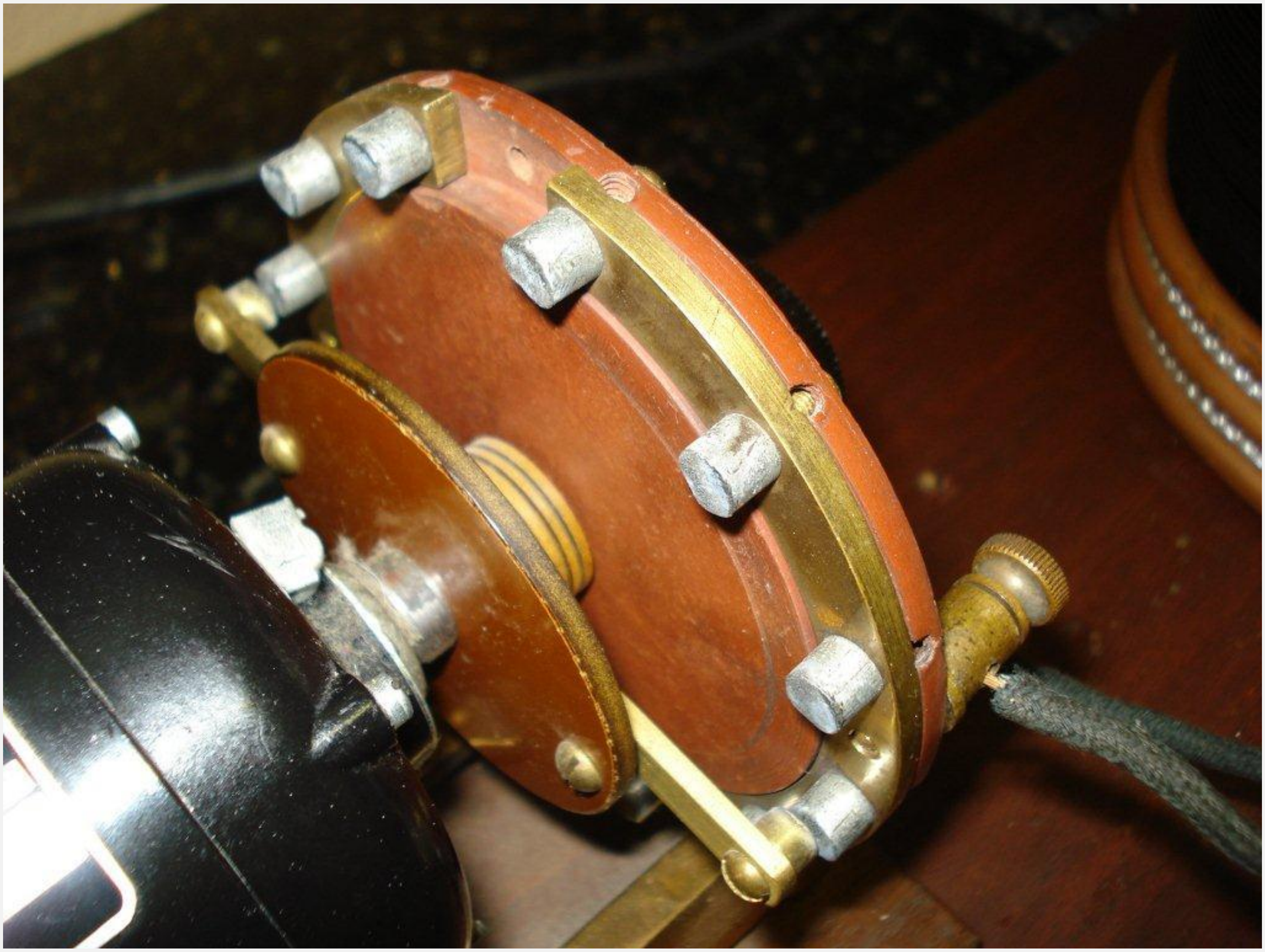

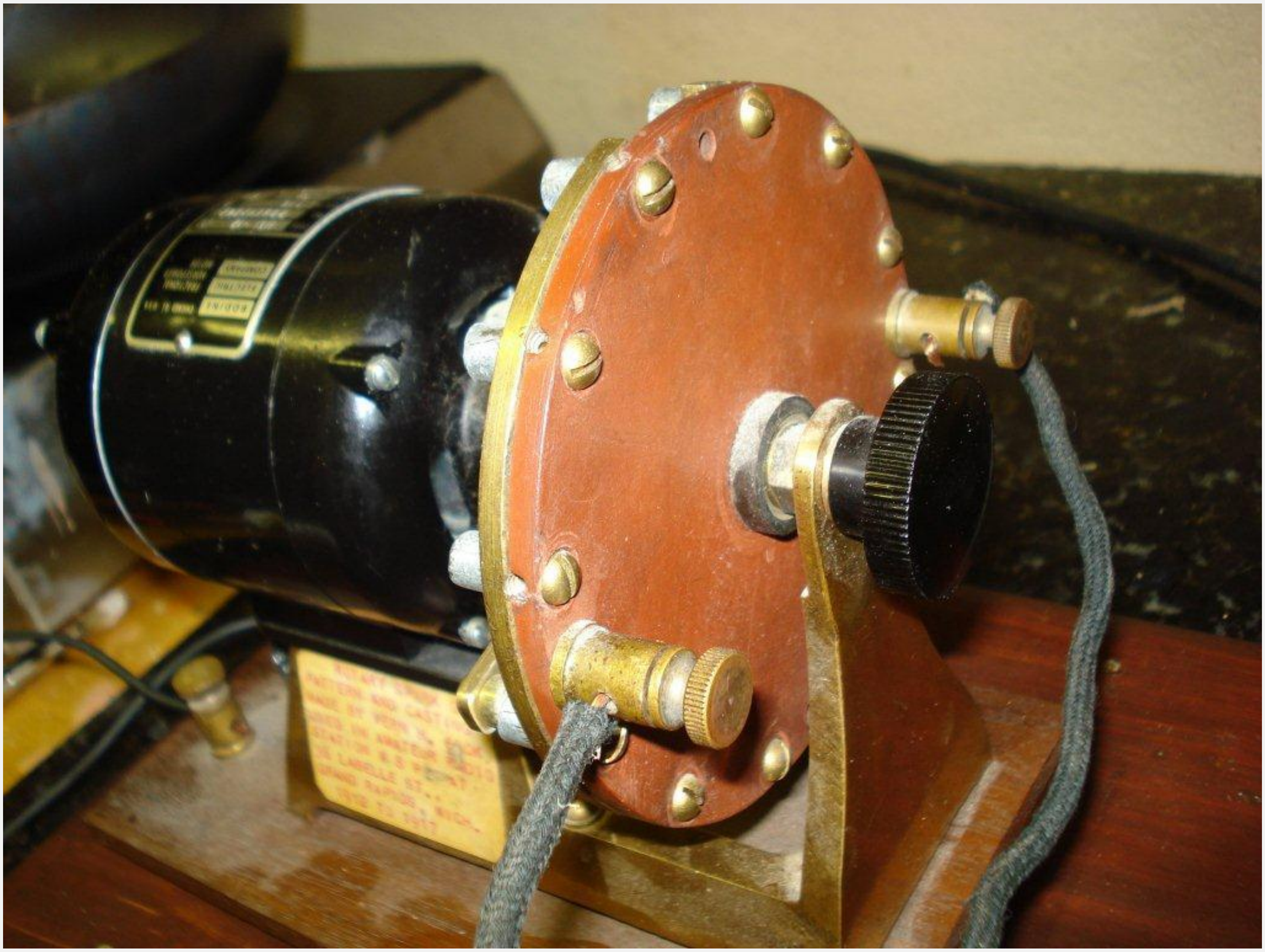

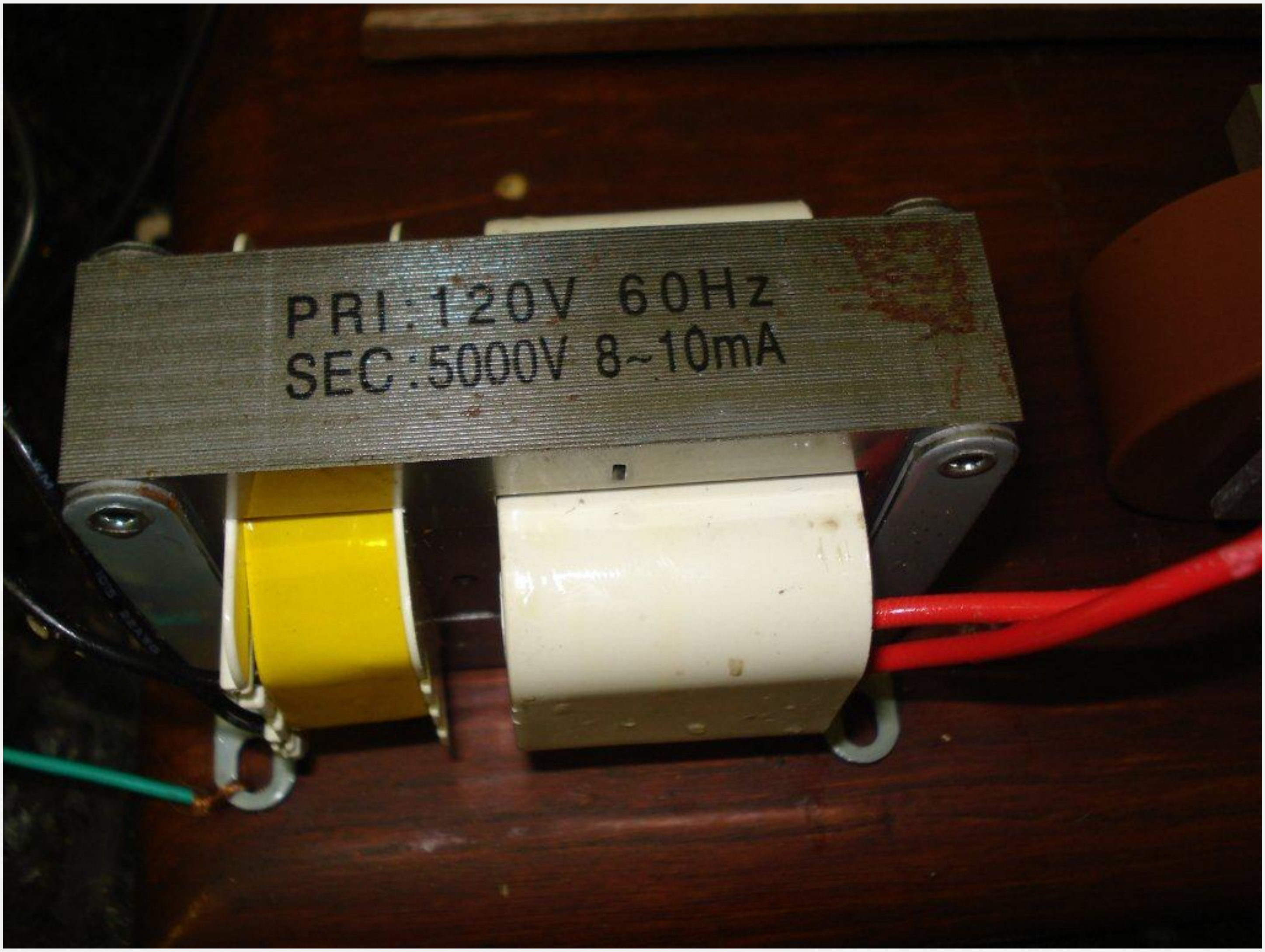
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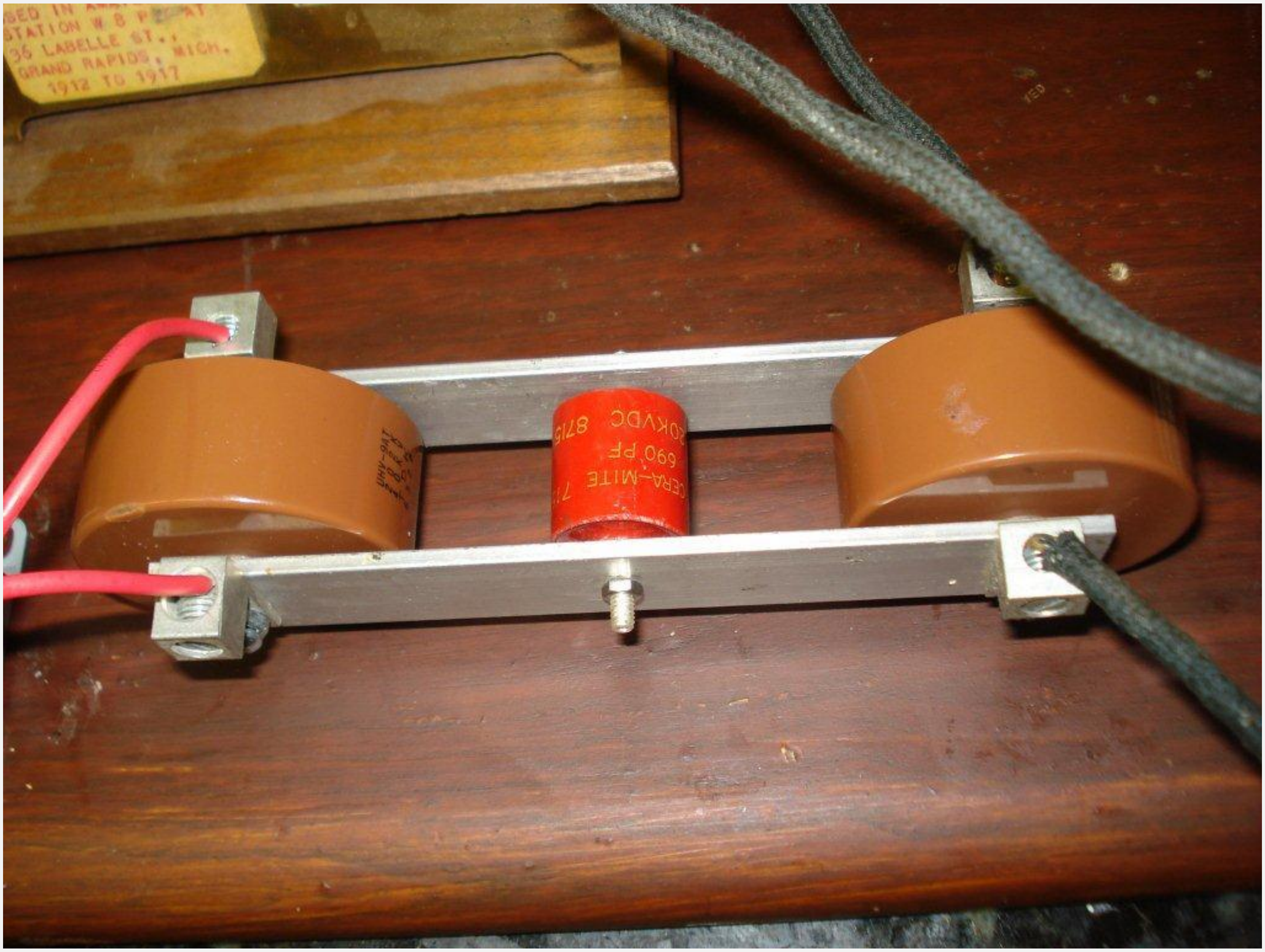
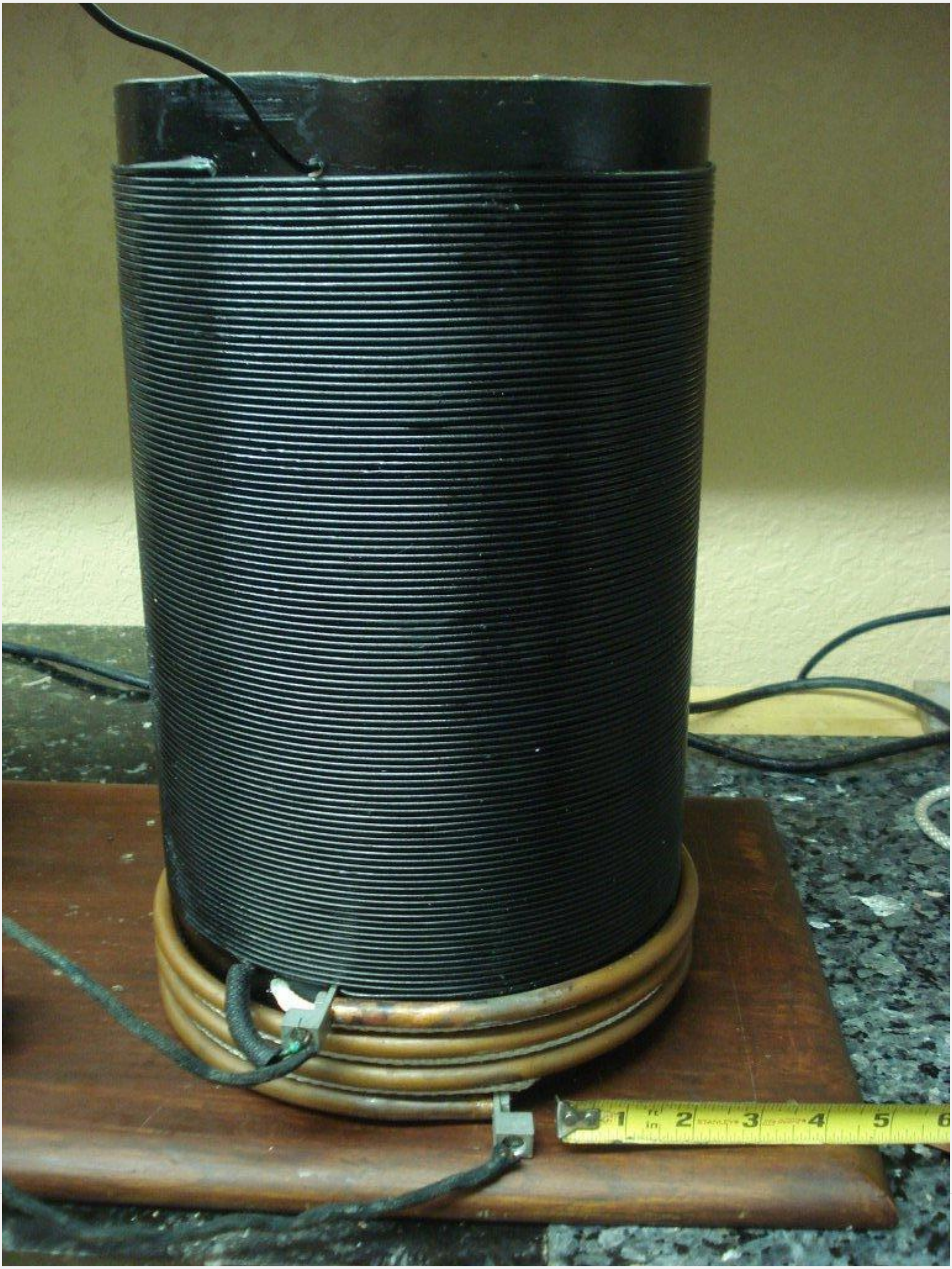
SEC:5000V 8~10mA


STATION W 8 P
36 LABELLE ST.,
GRAND RAPIDS, MICH.
1912 TO 1917
CERA-MITE
690 PF
8715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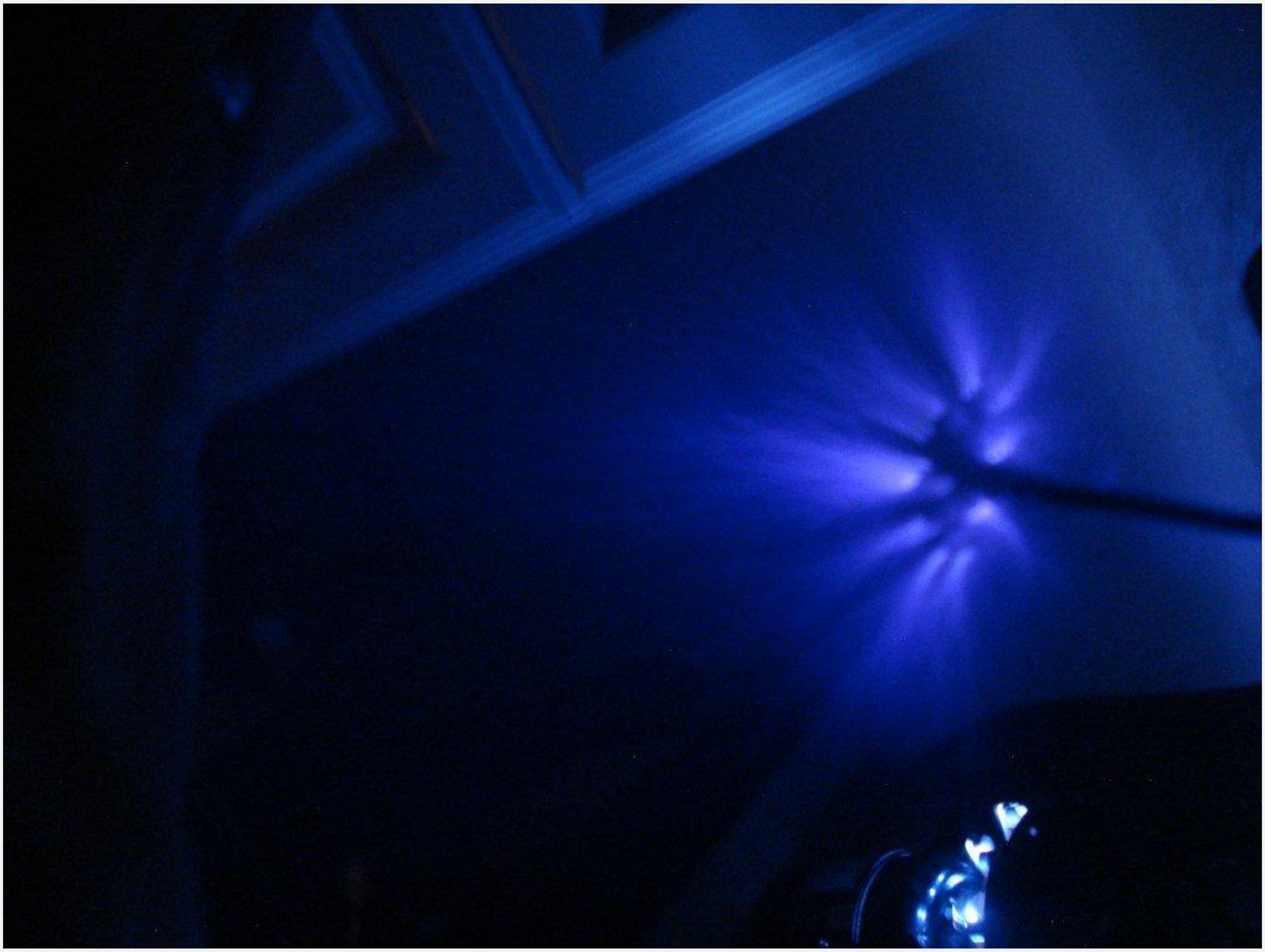
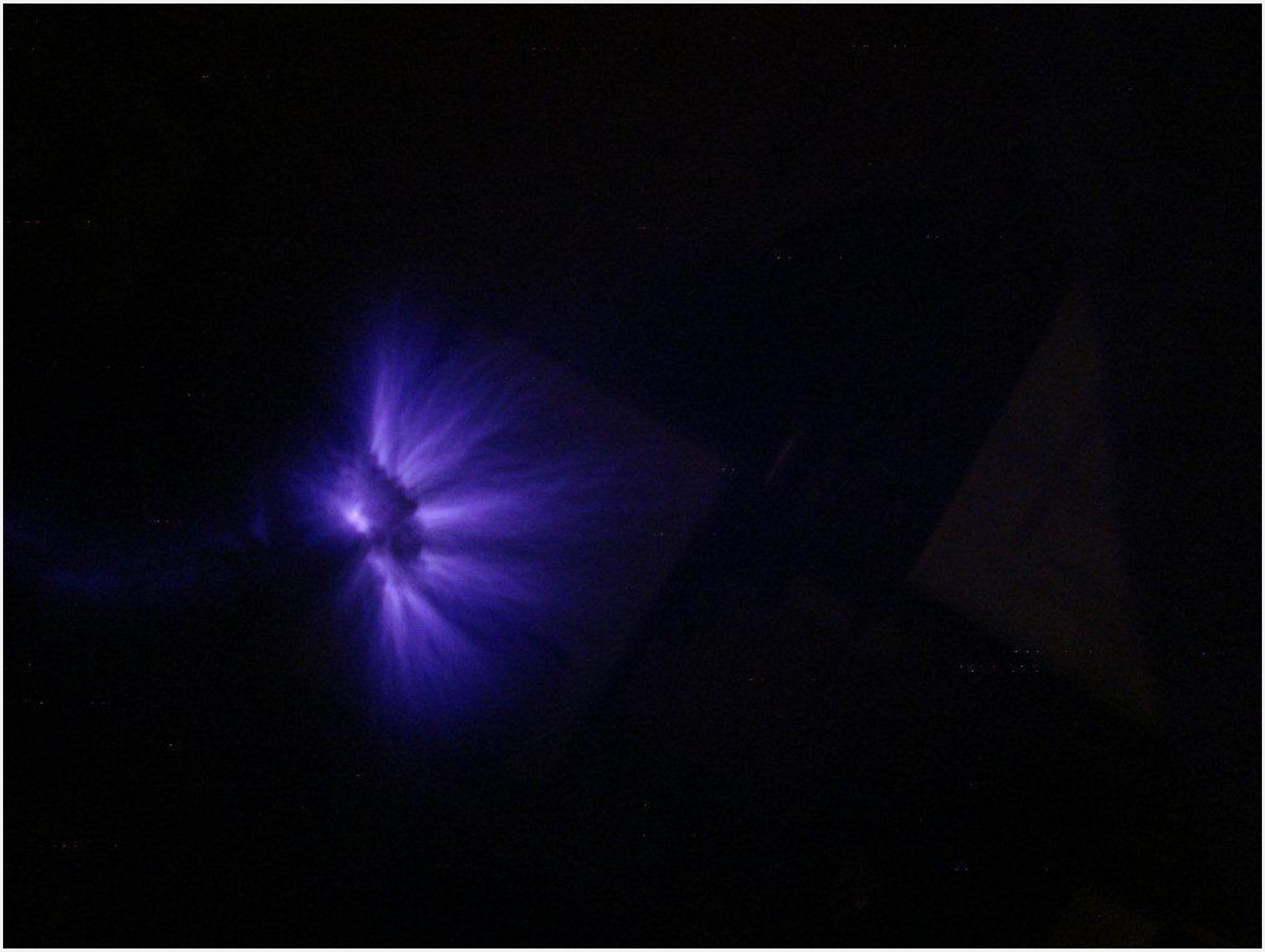
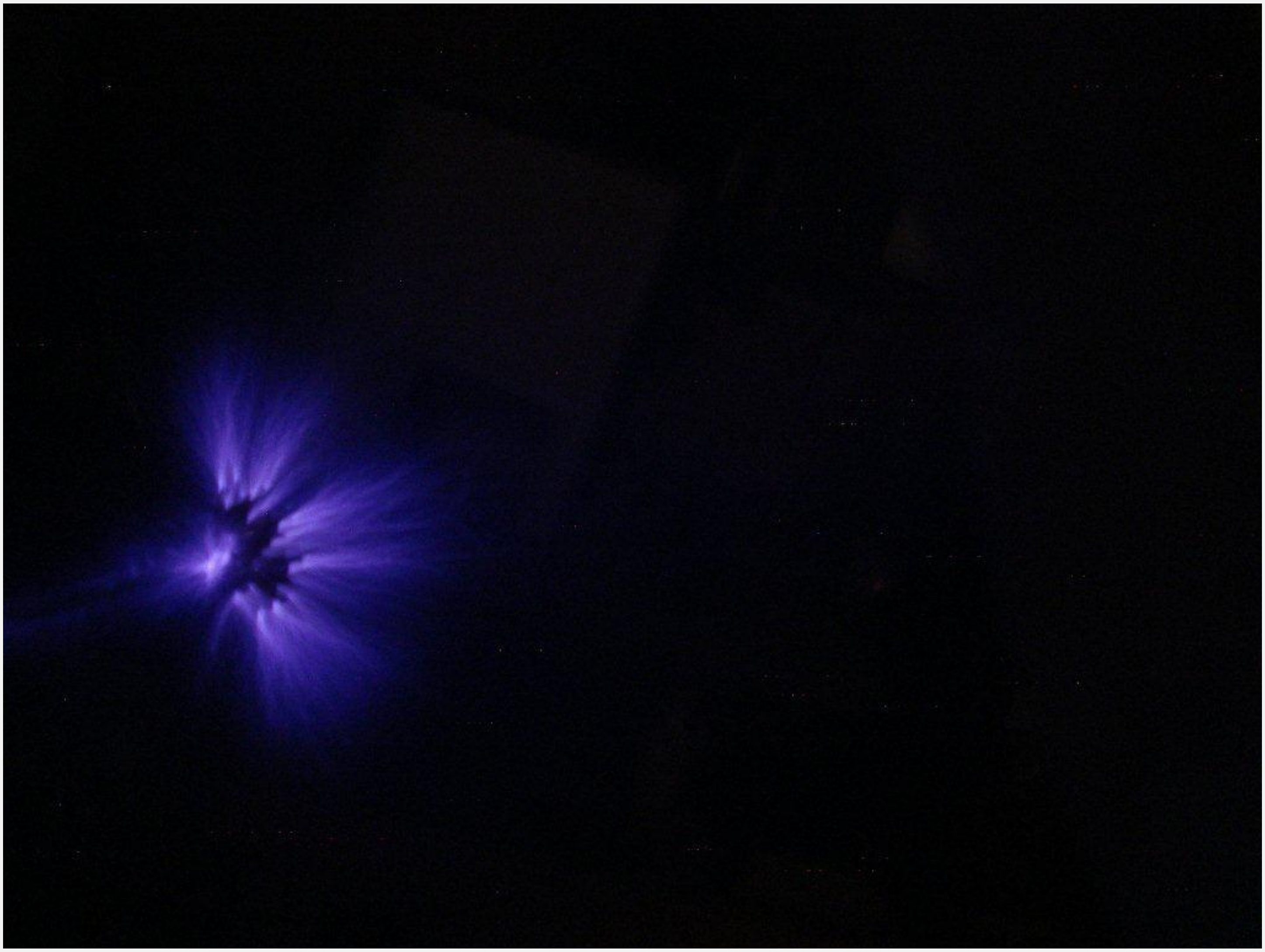
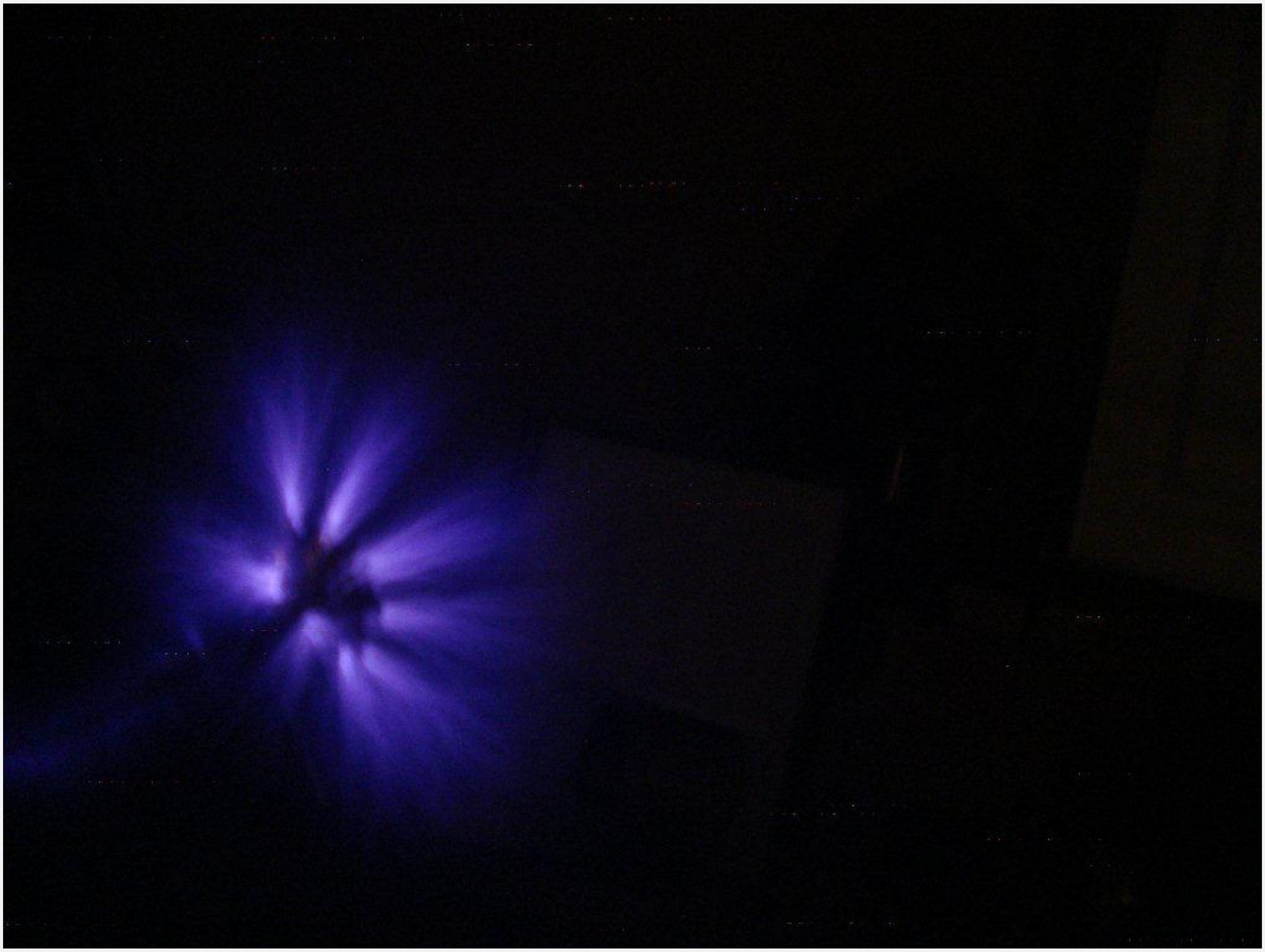
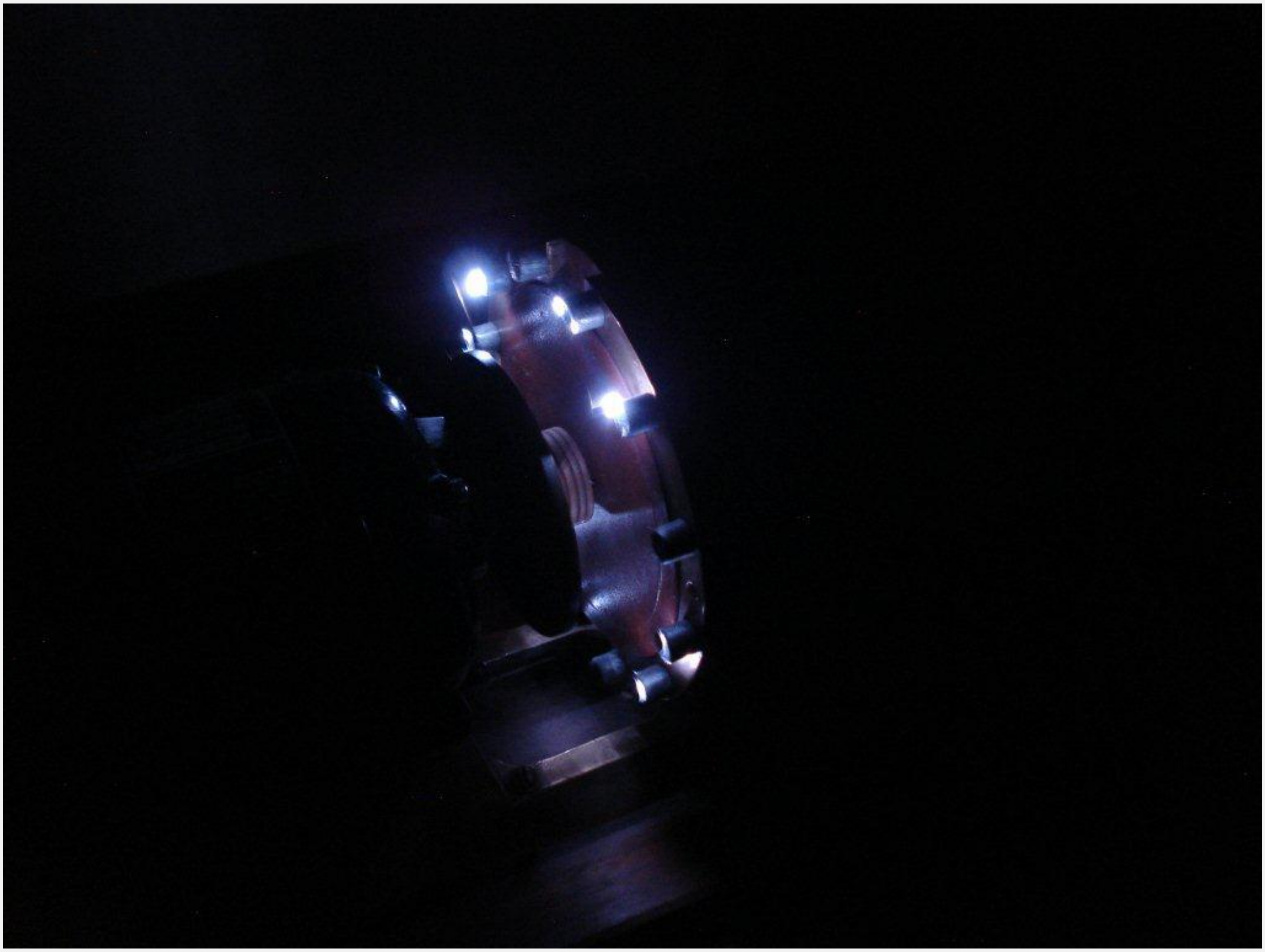
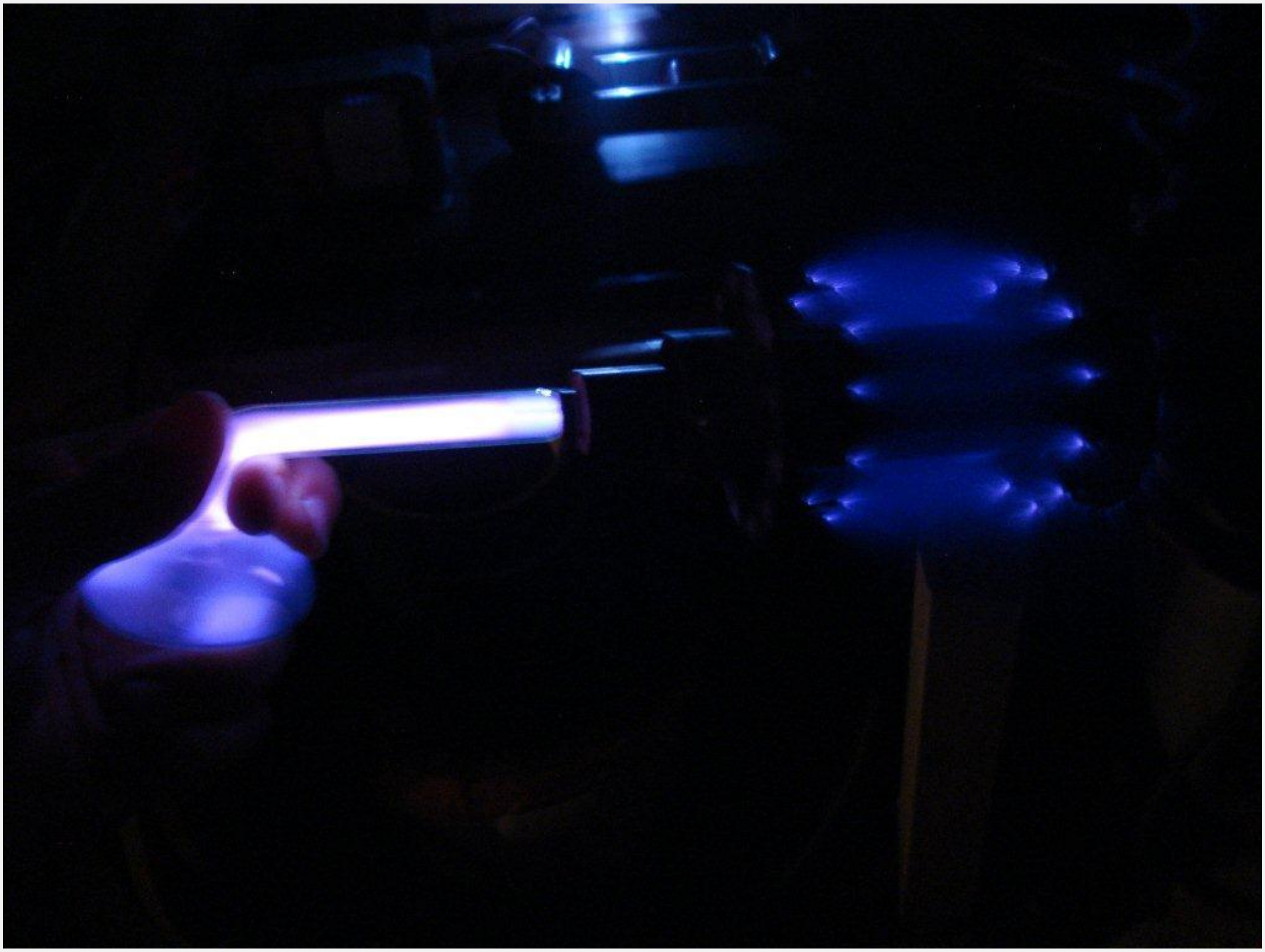


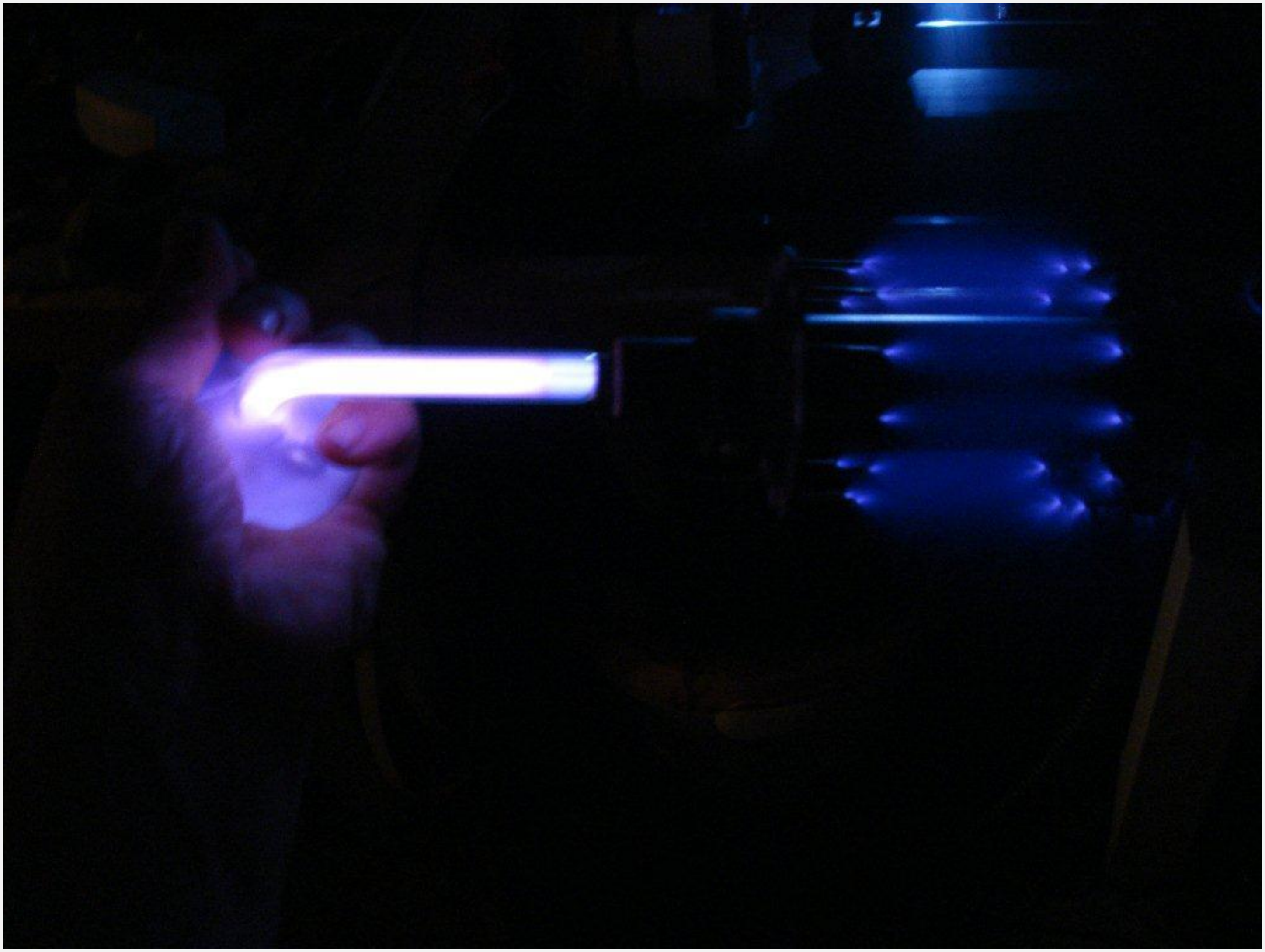


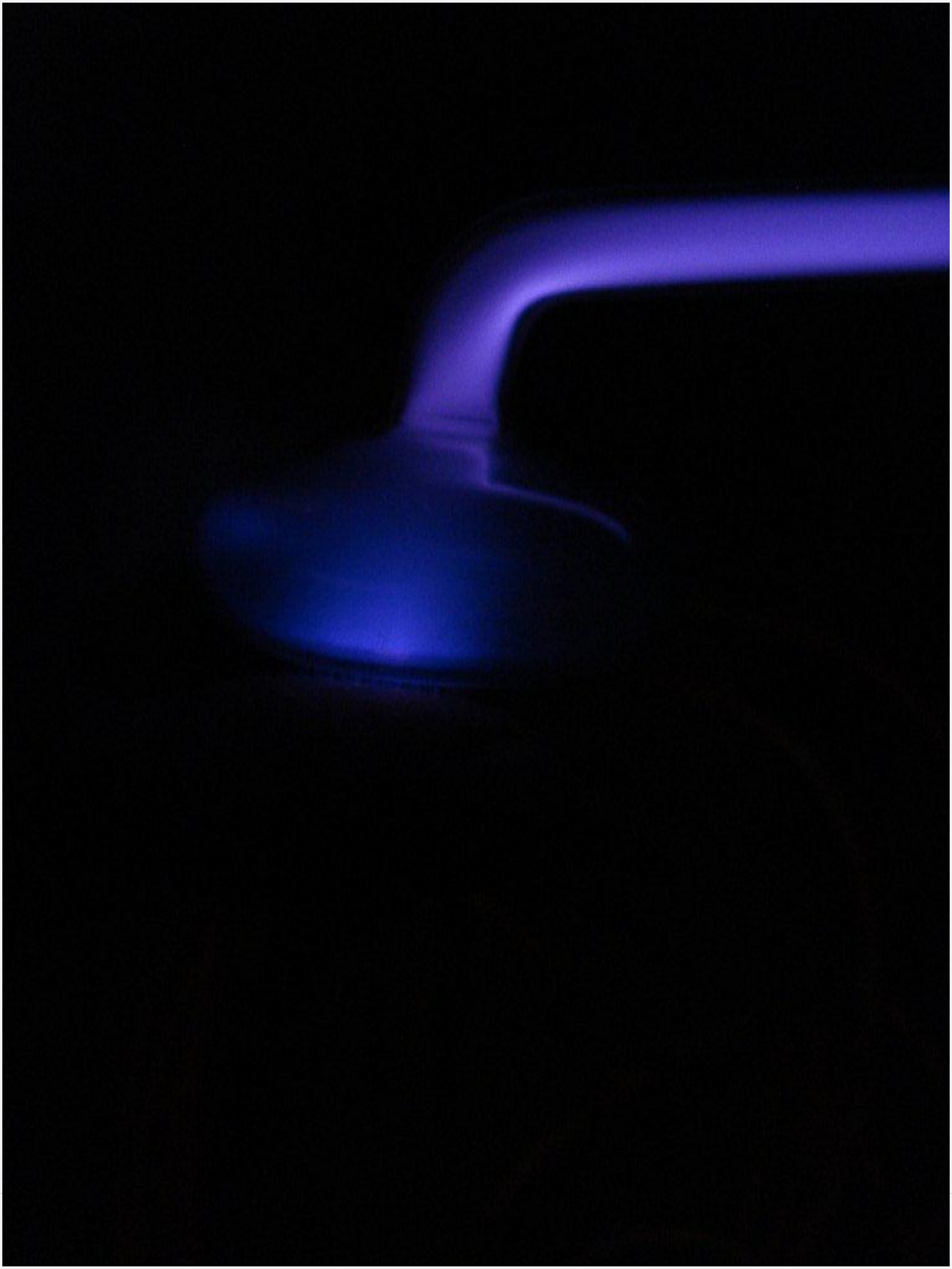


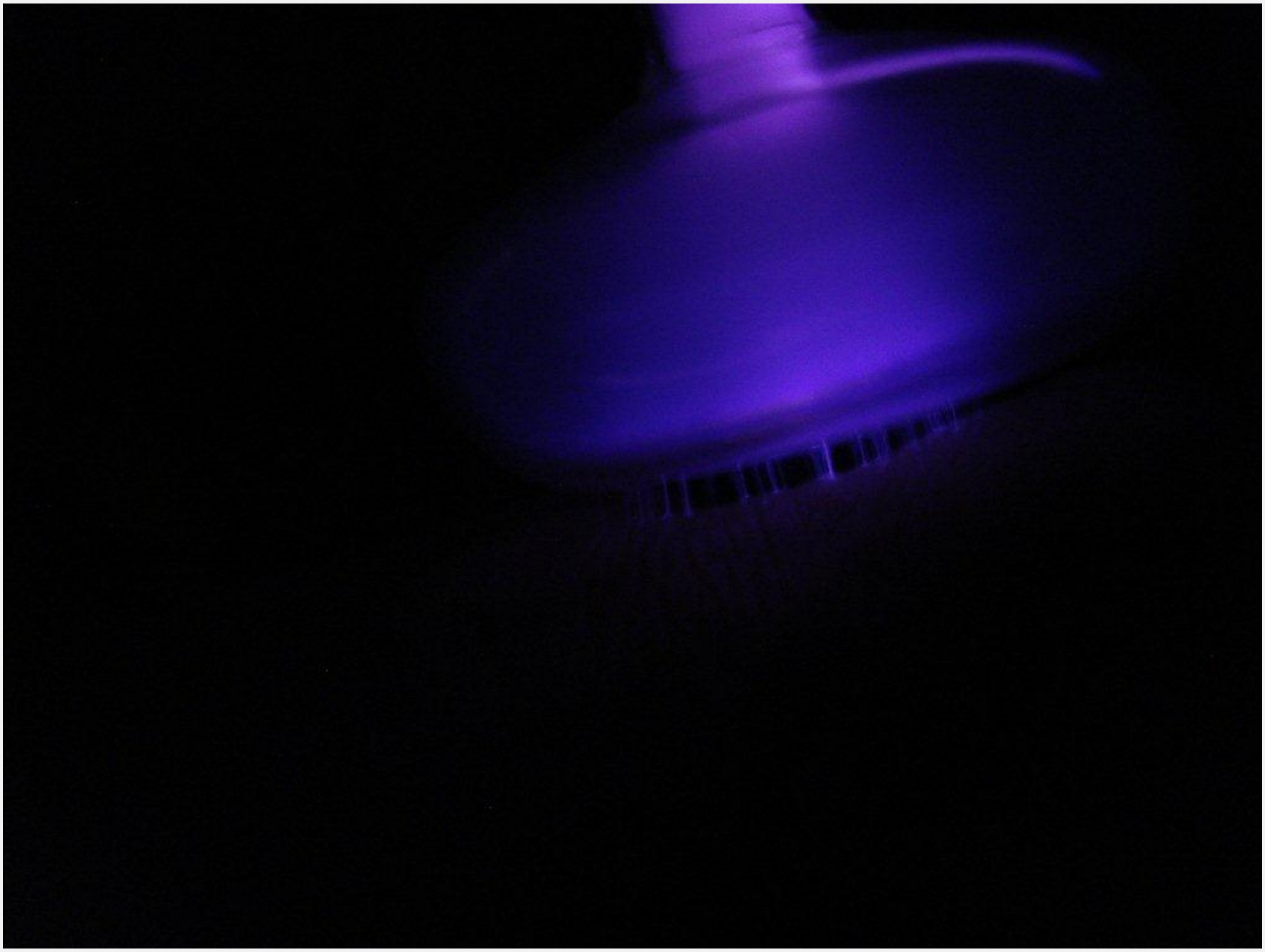


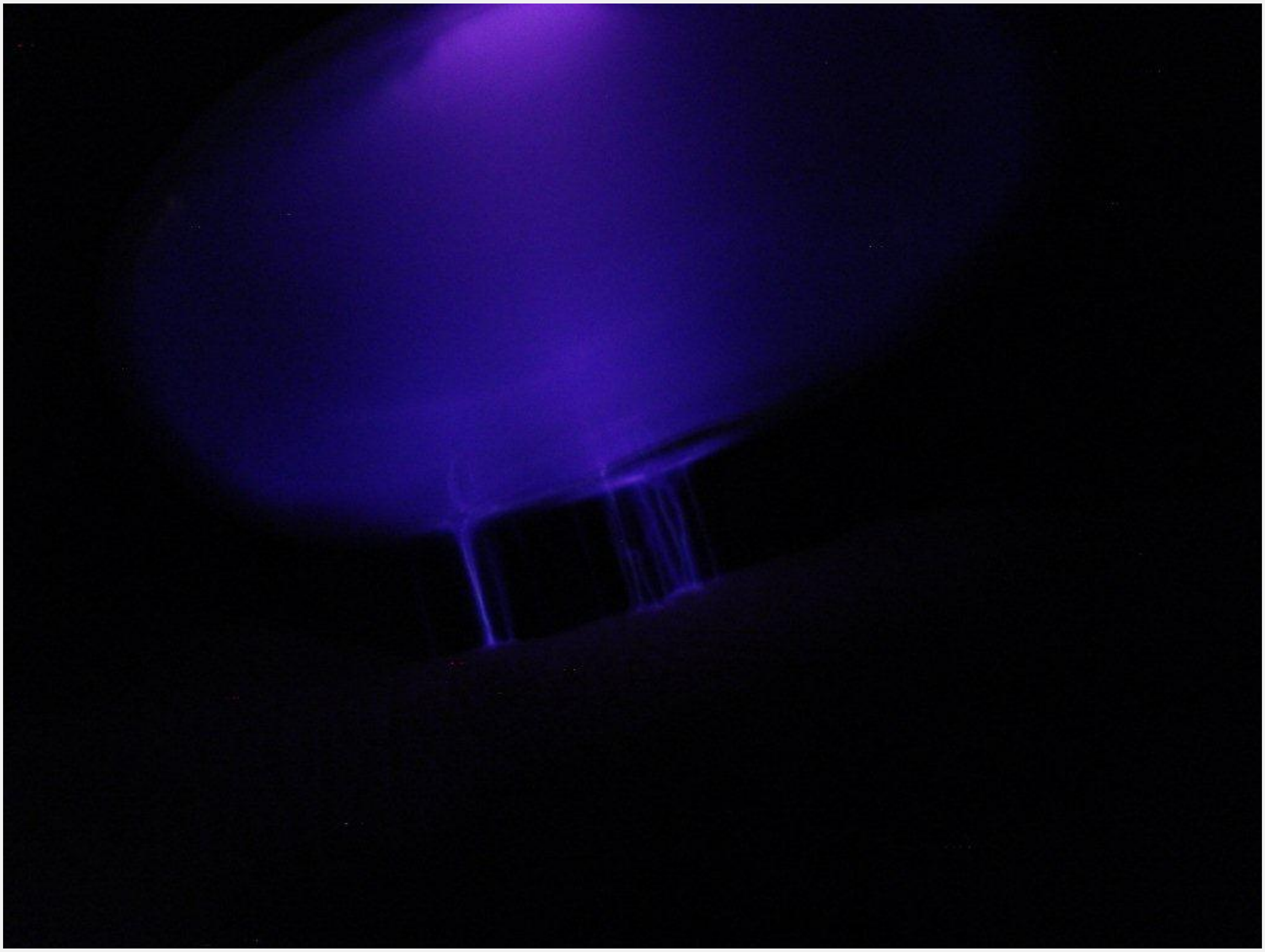


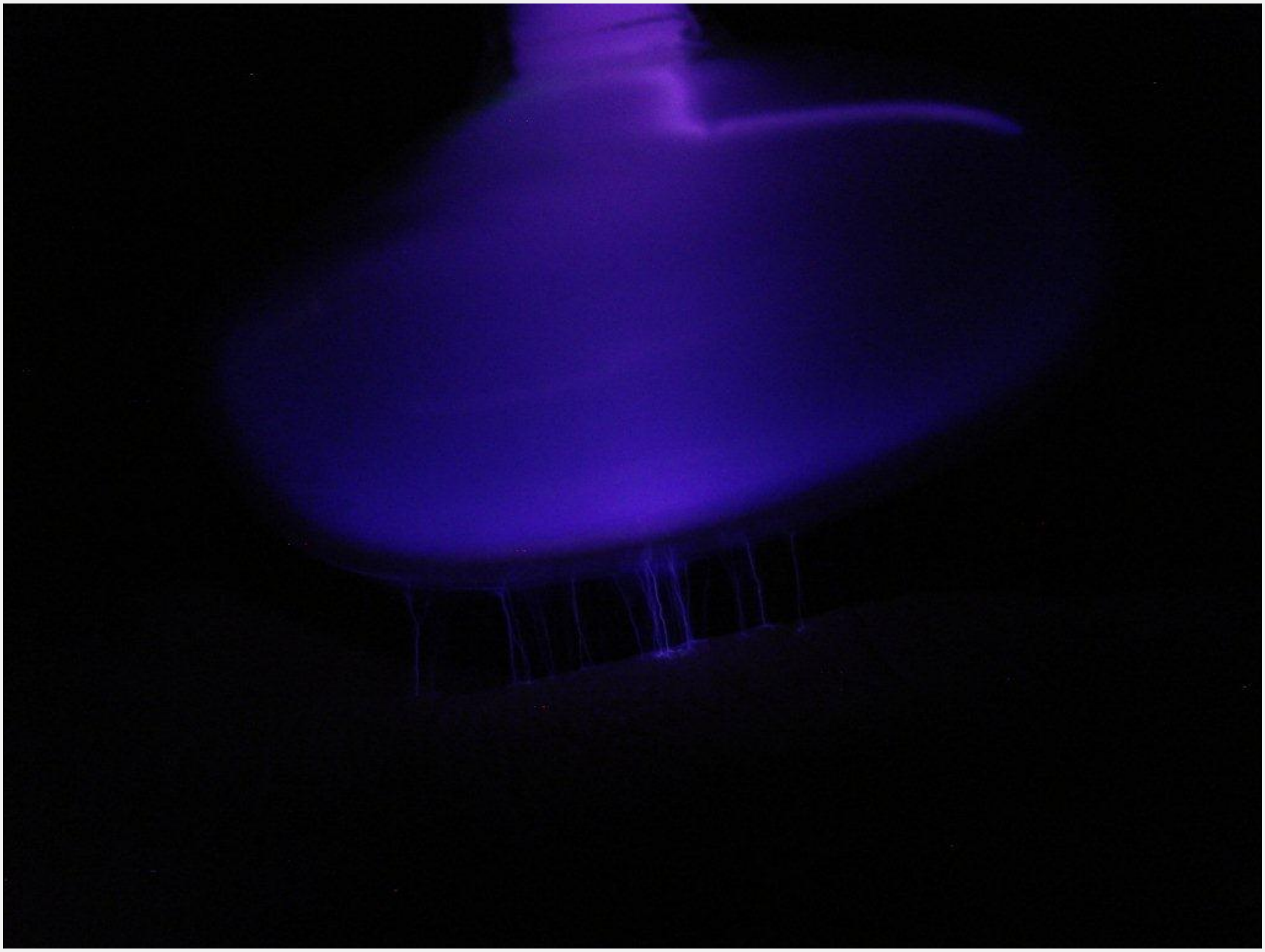


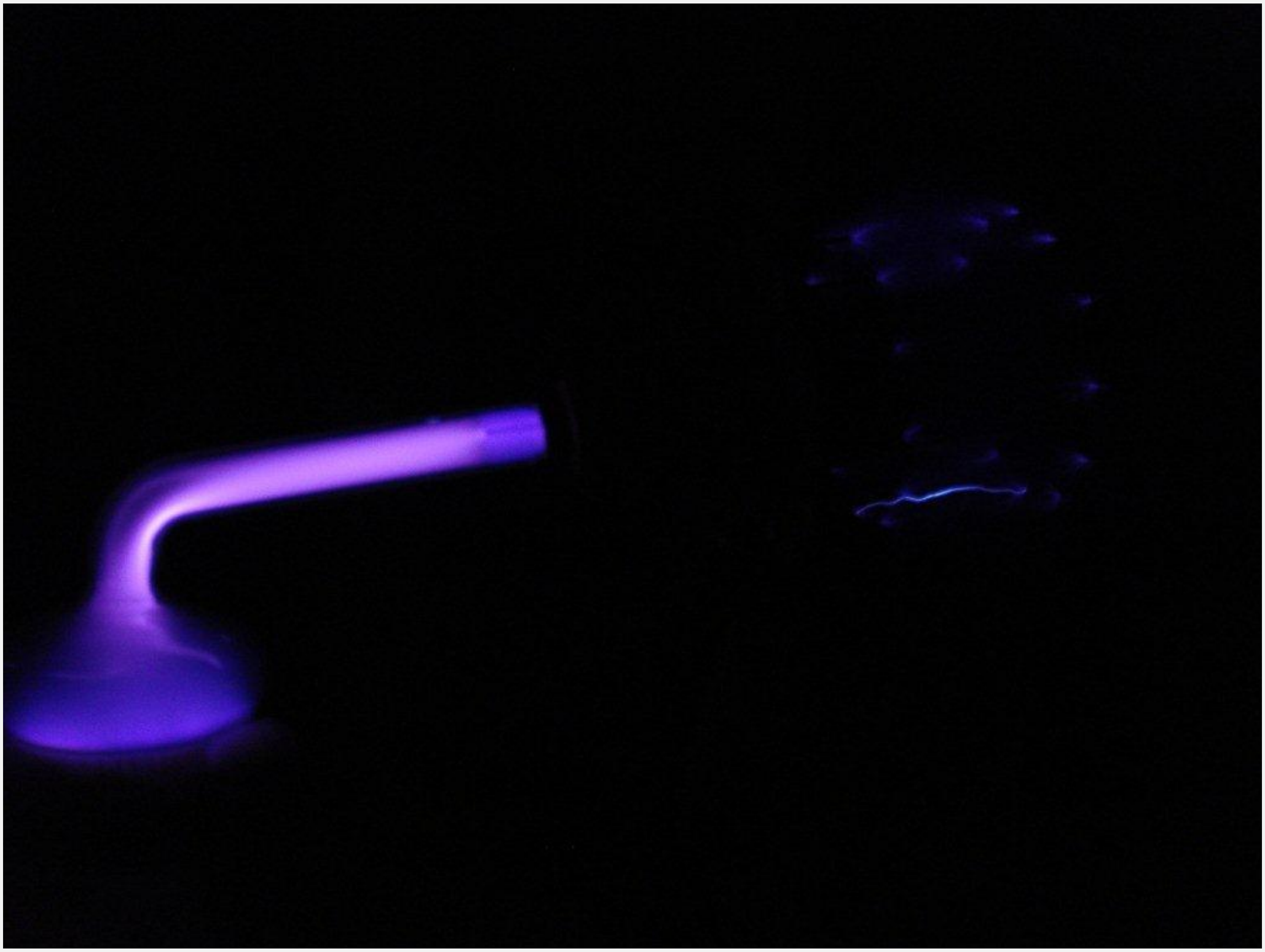


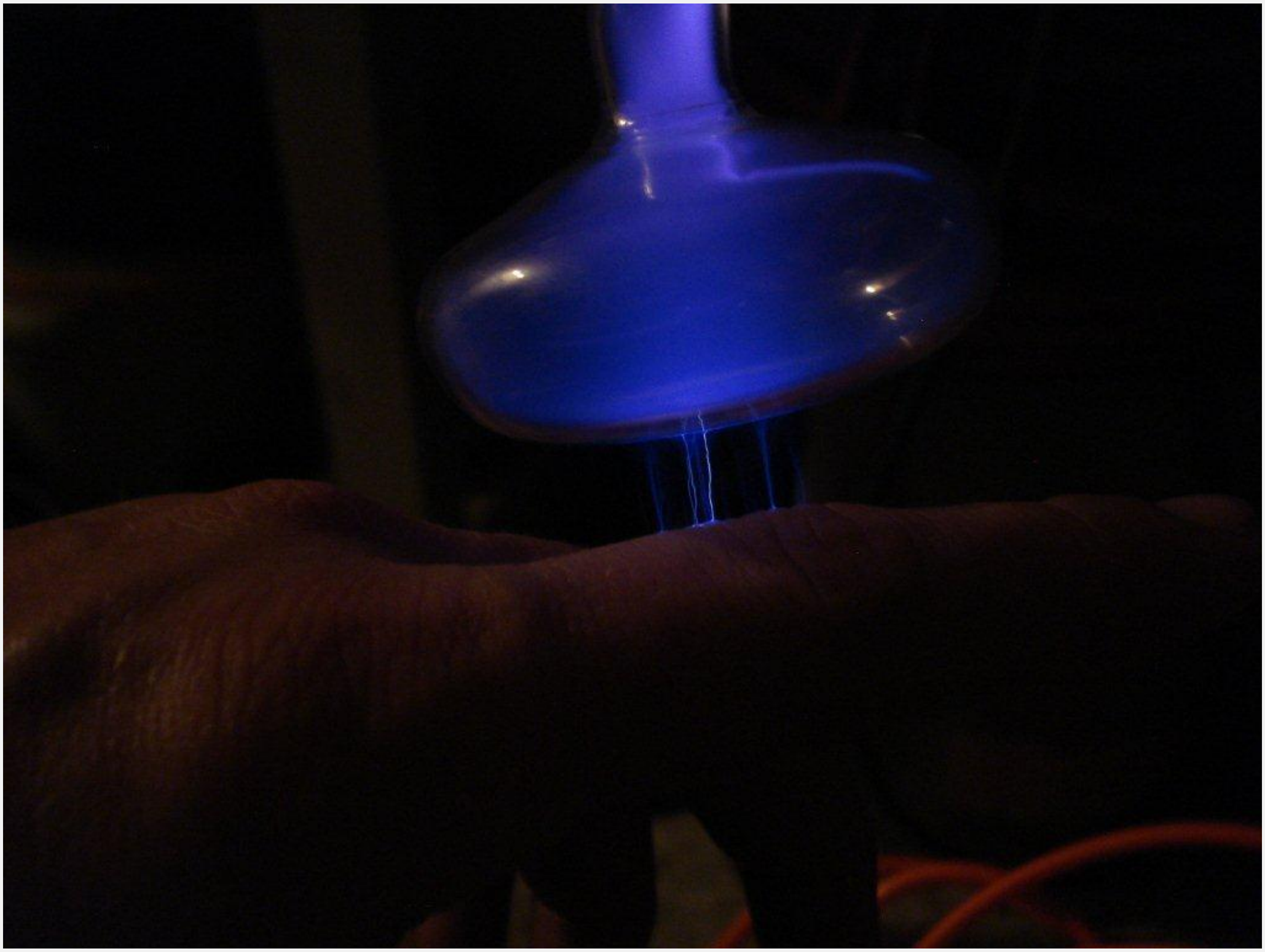


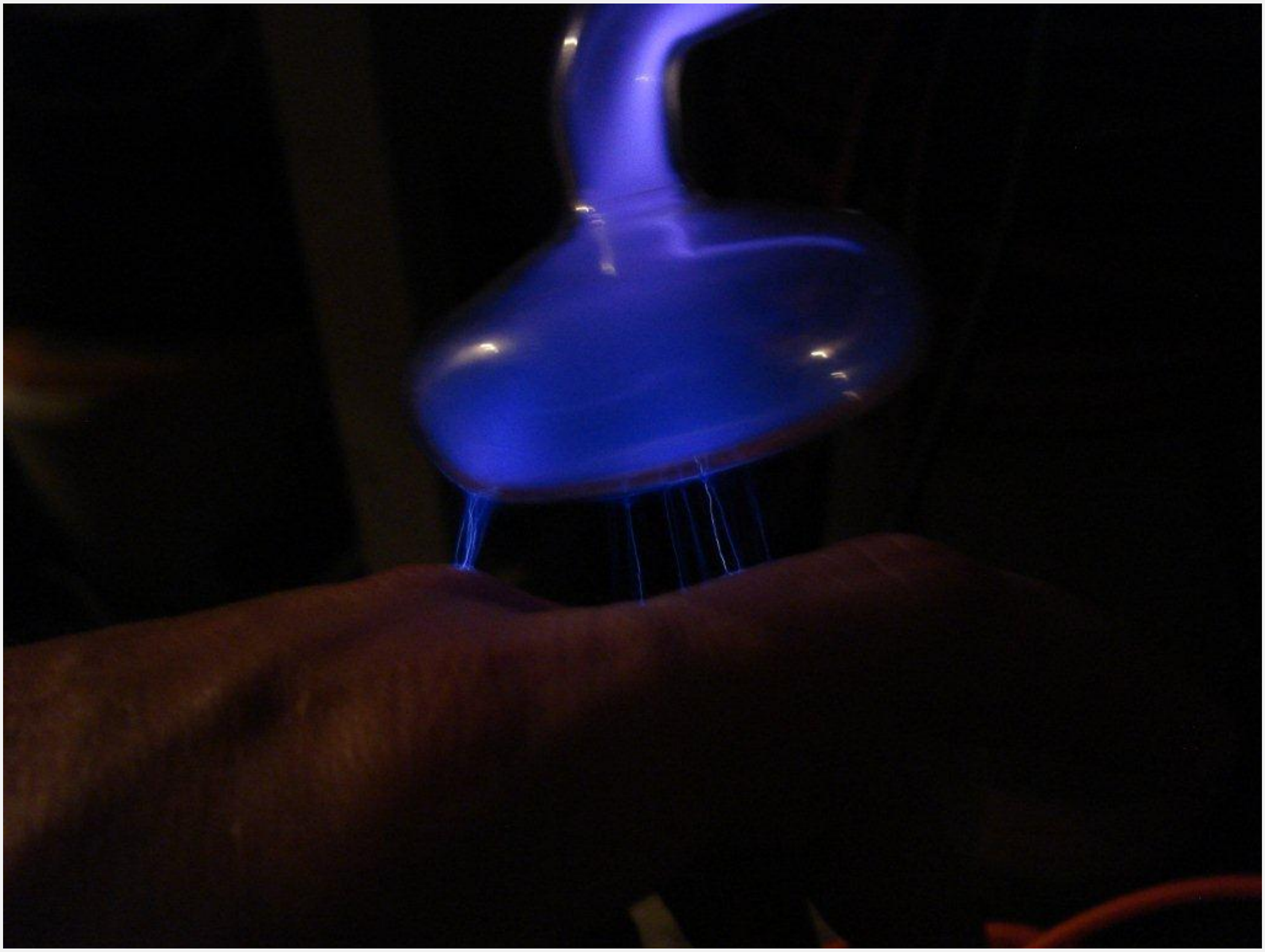


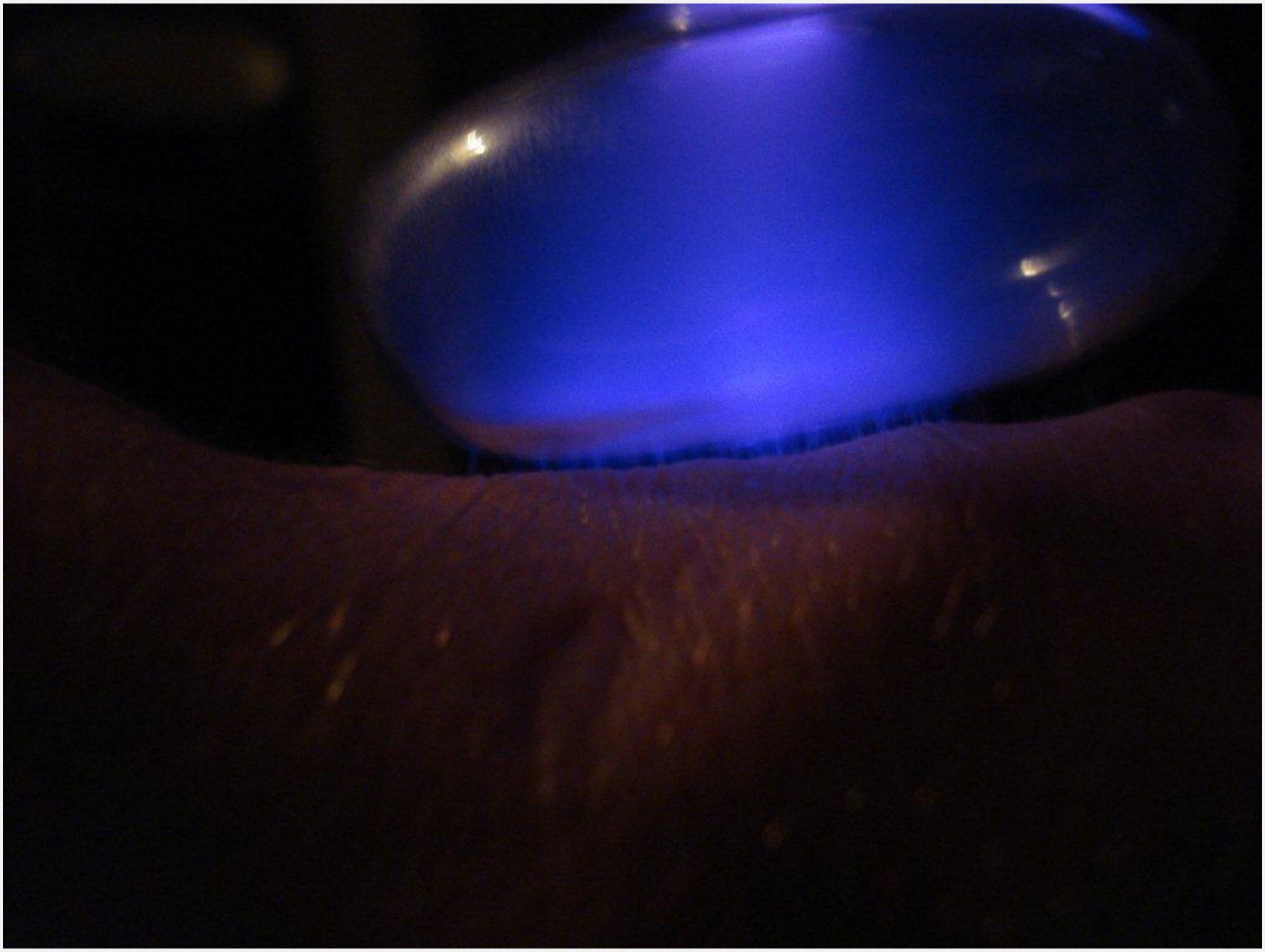


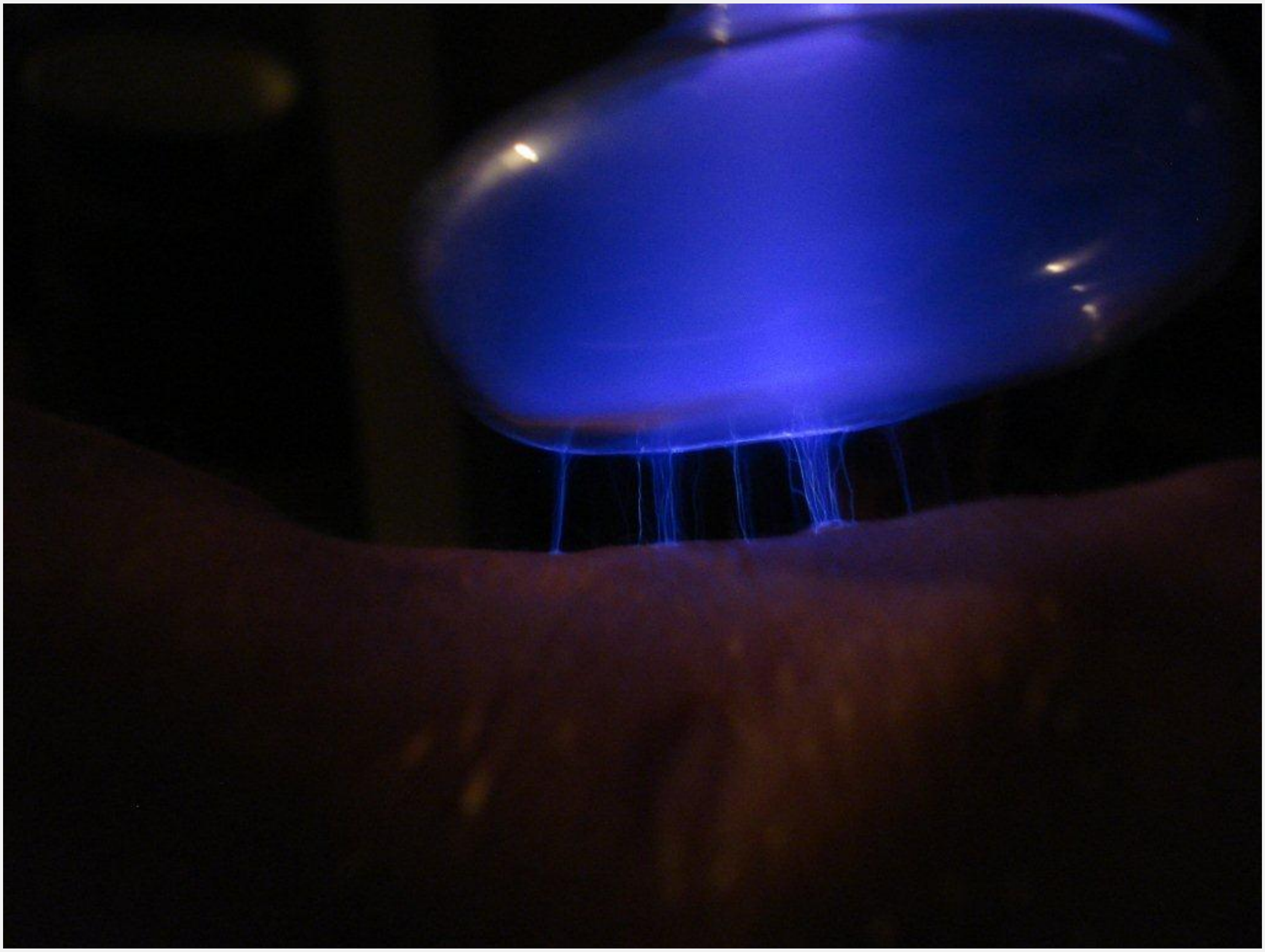


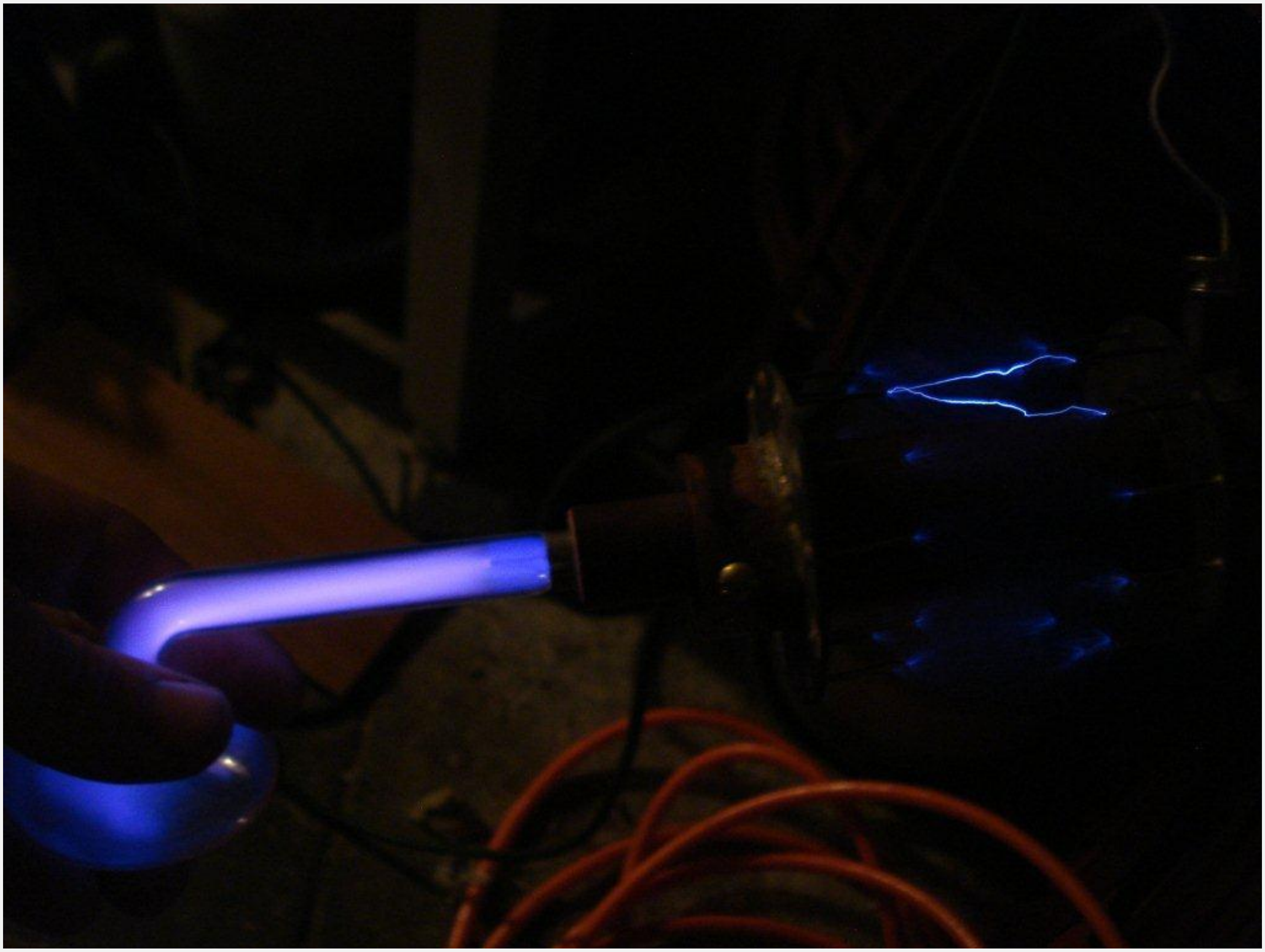


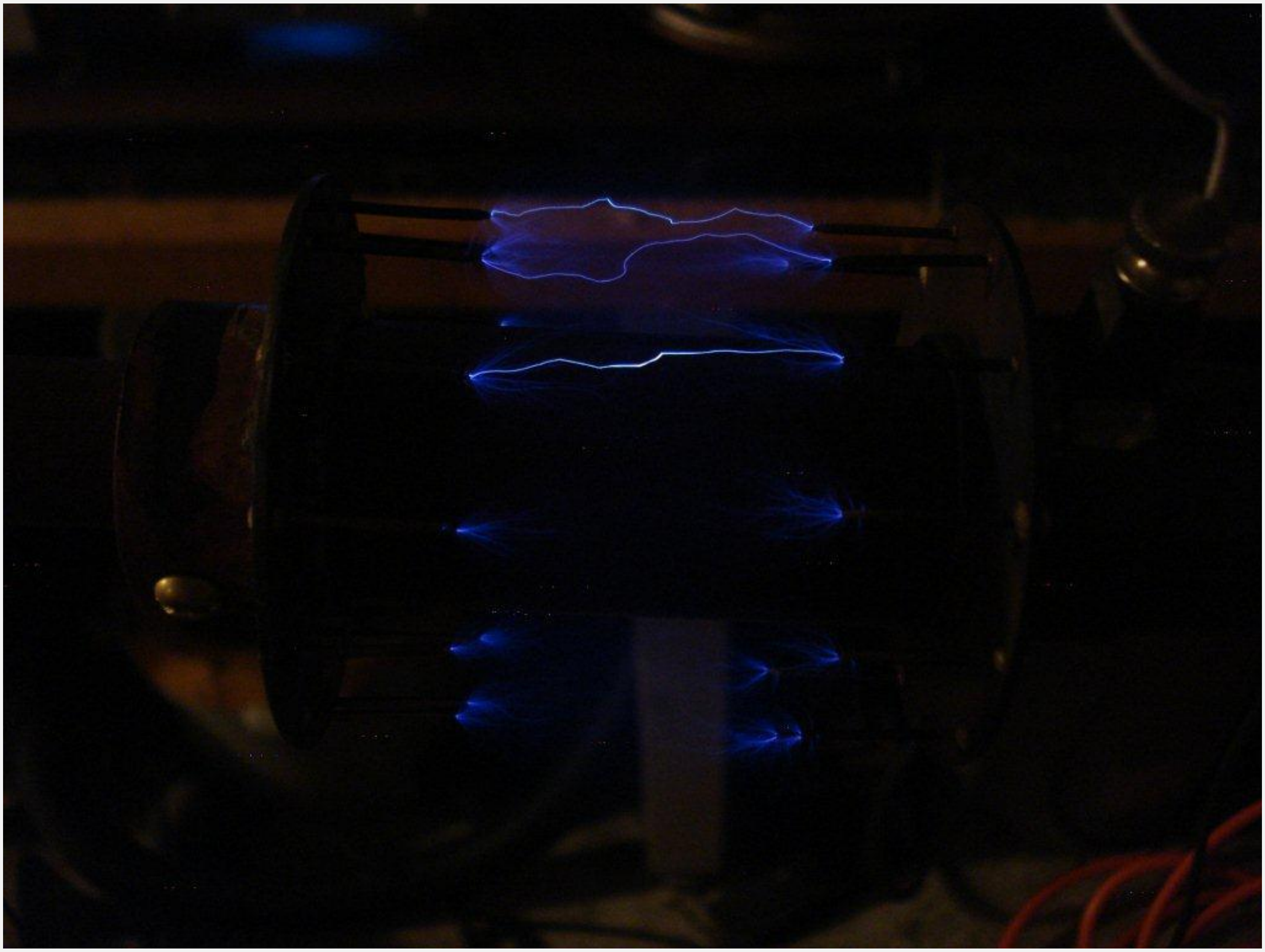


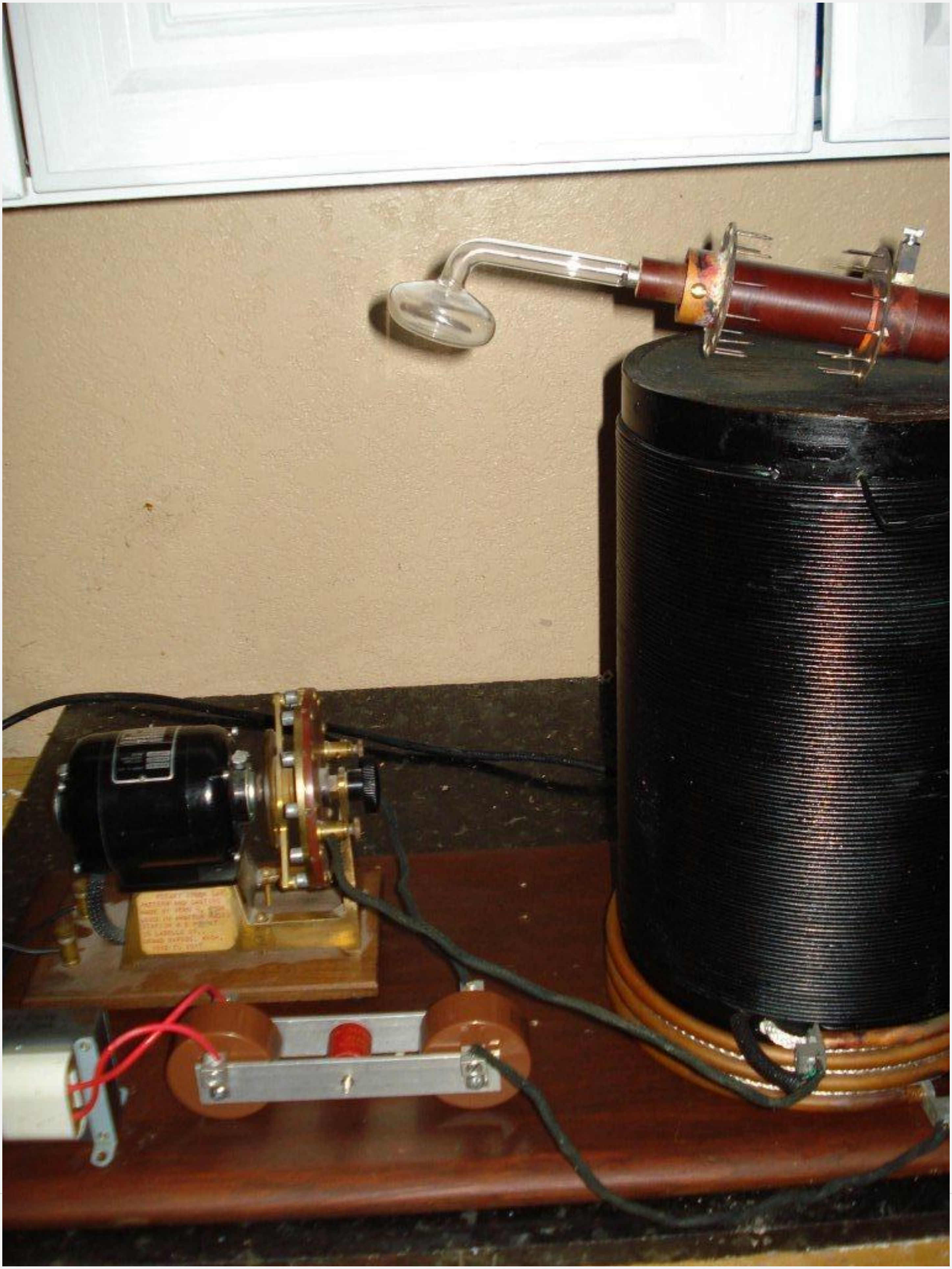


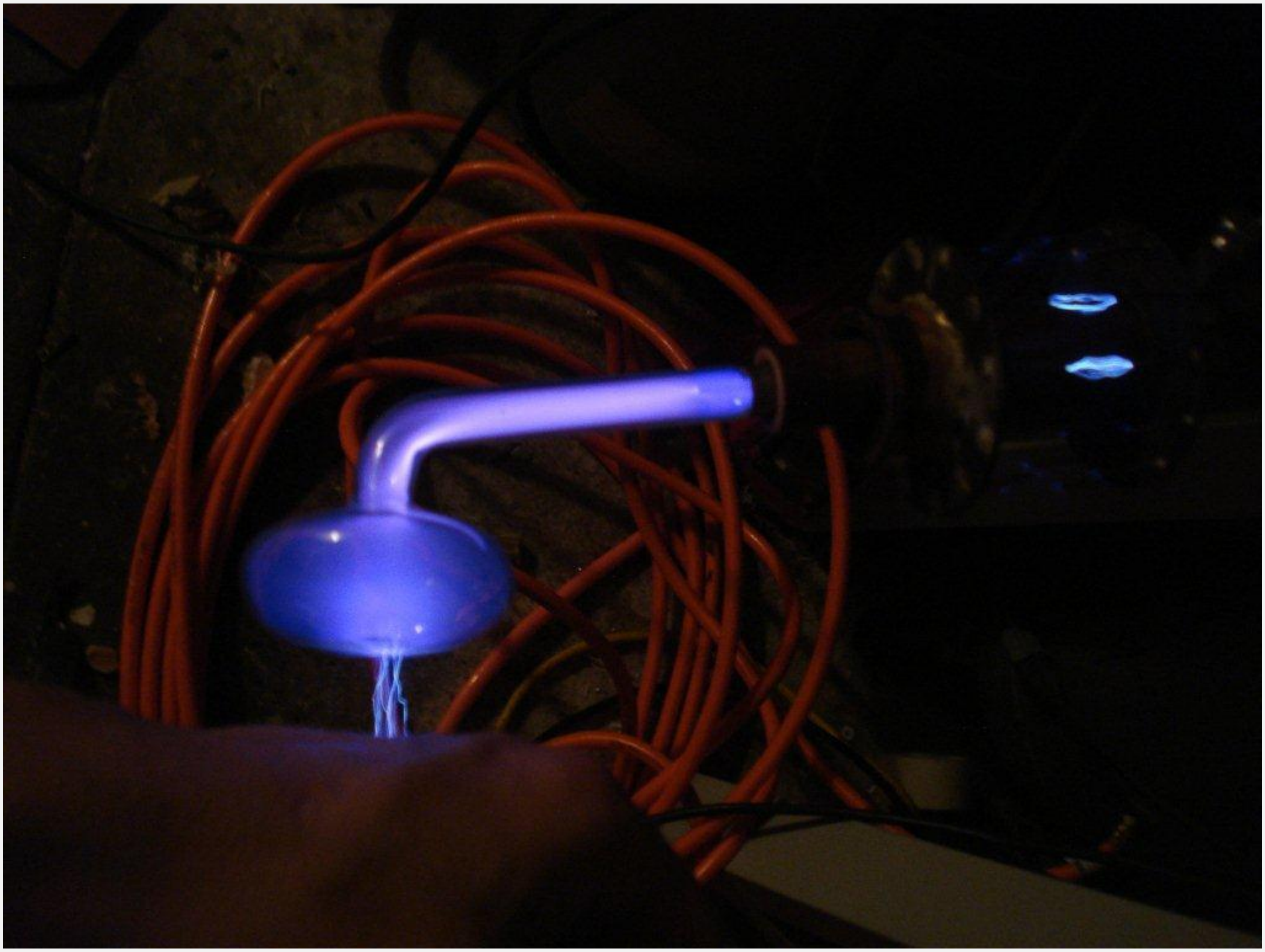


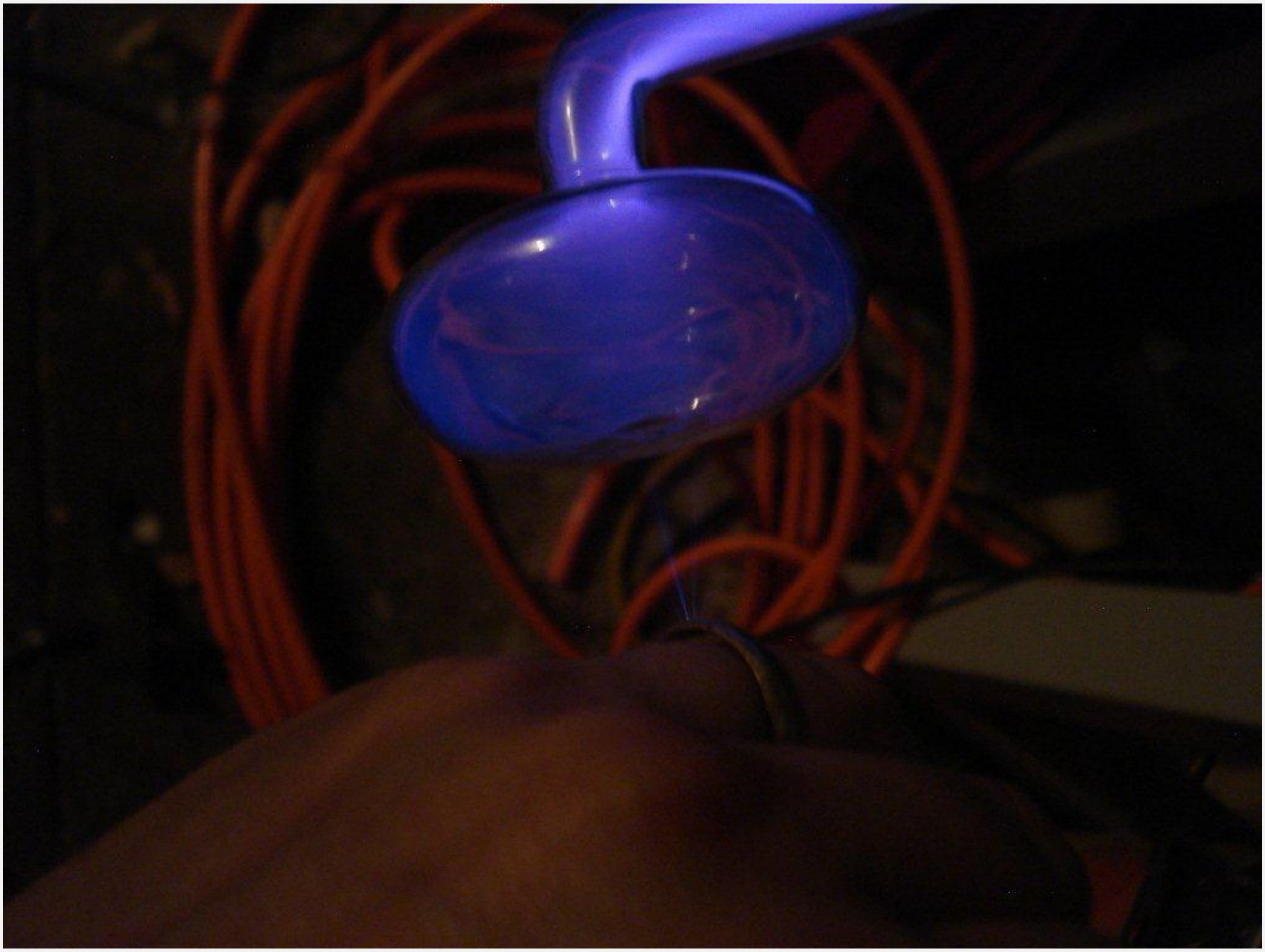


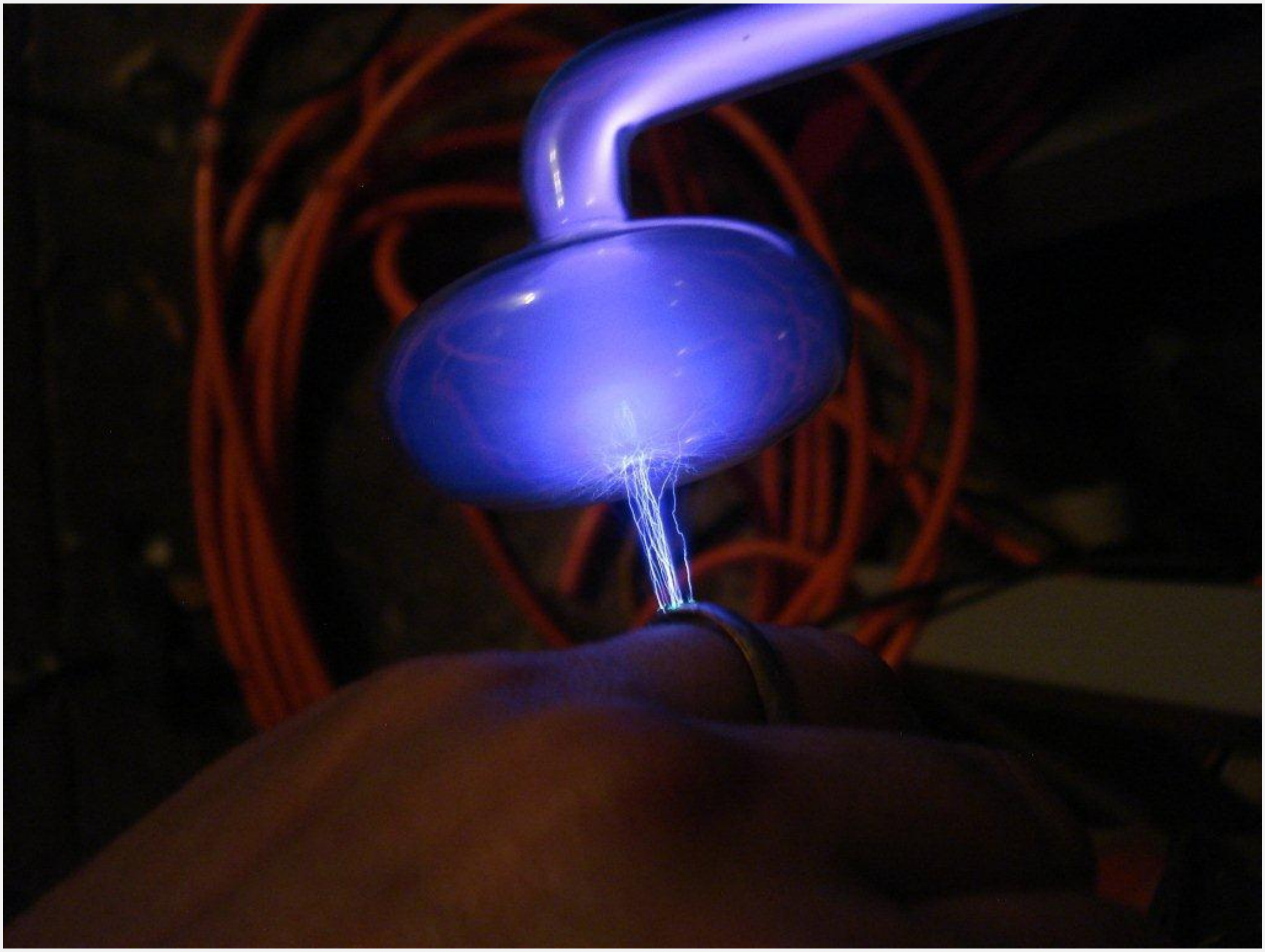


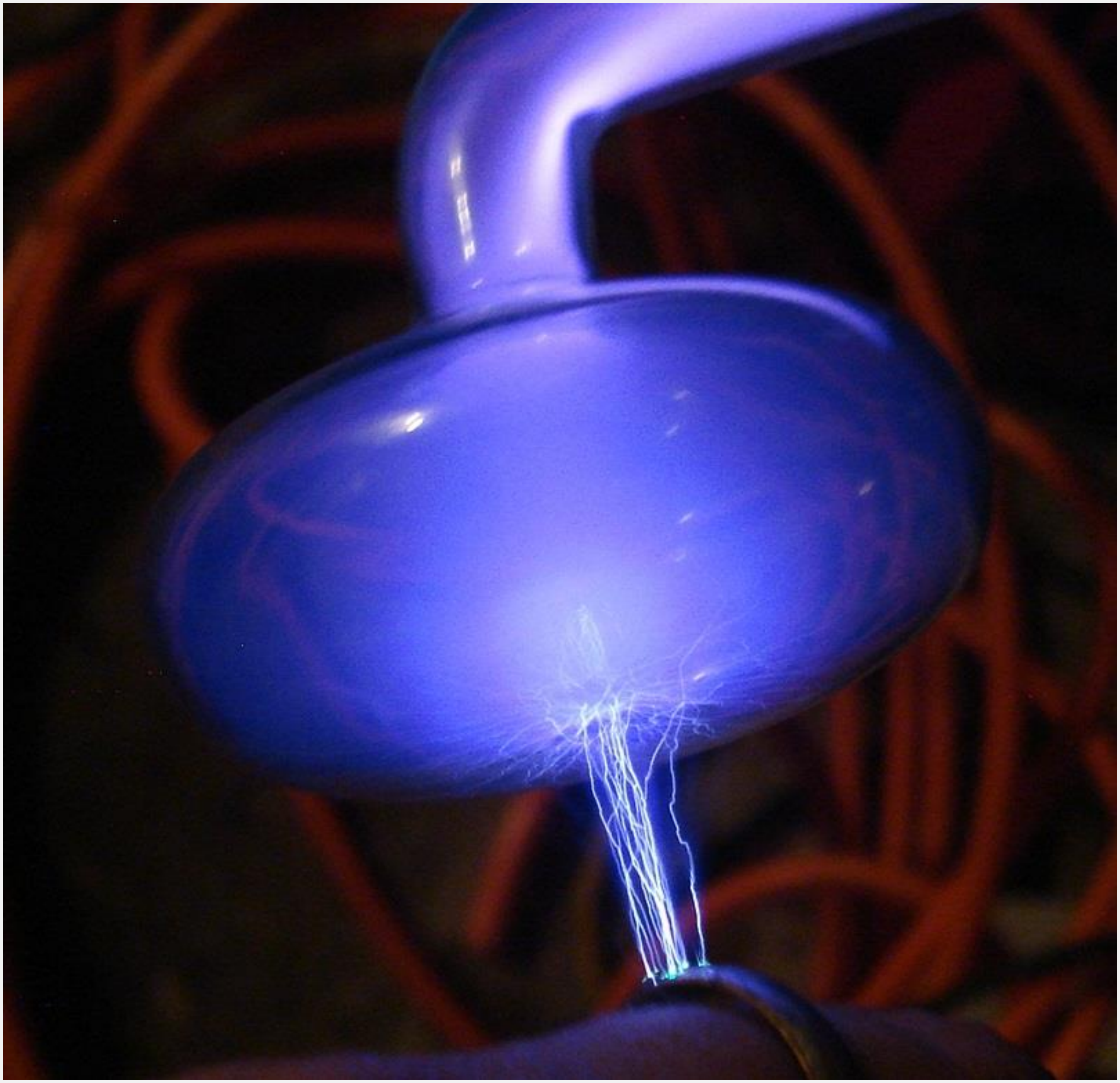


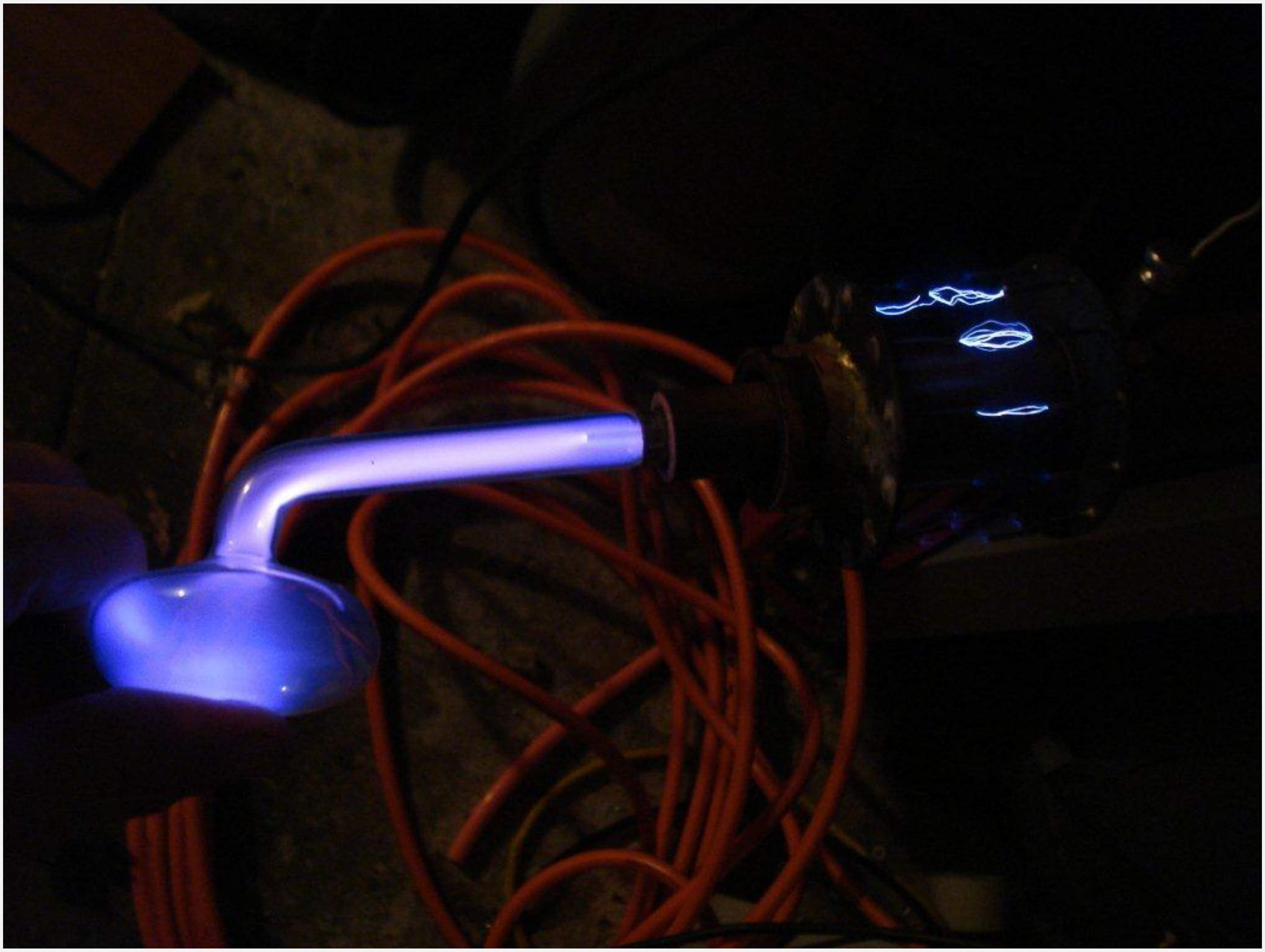


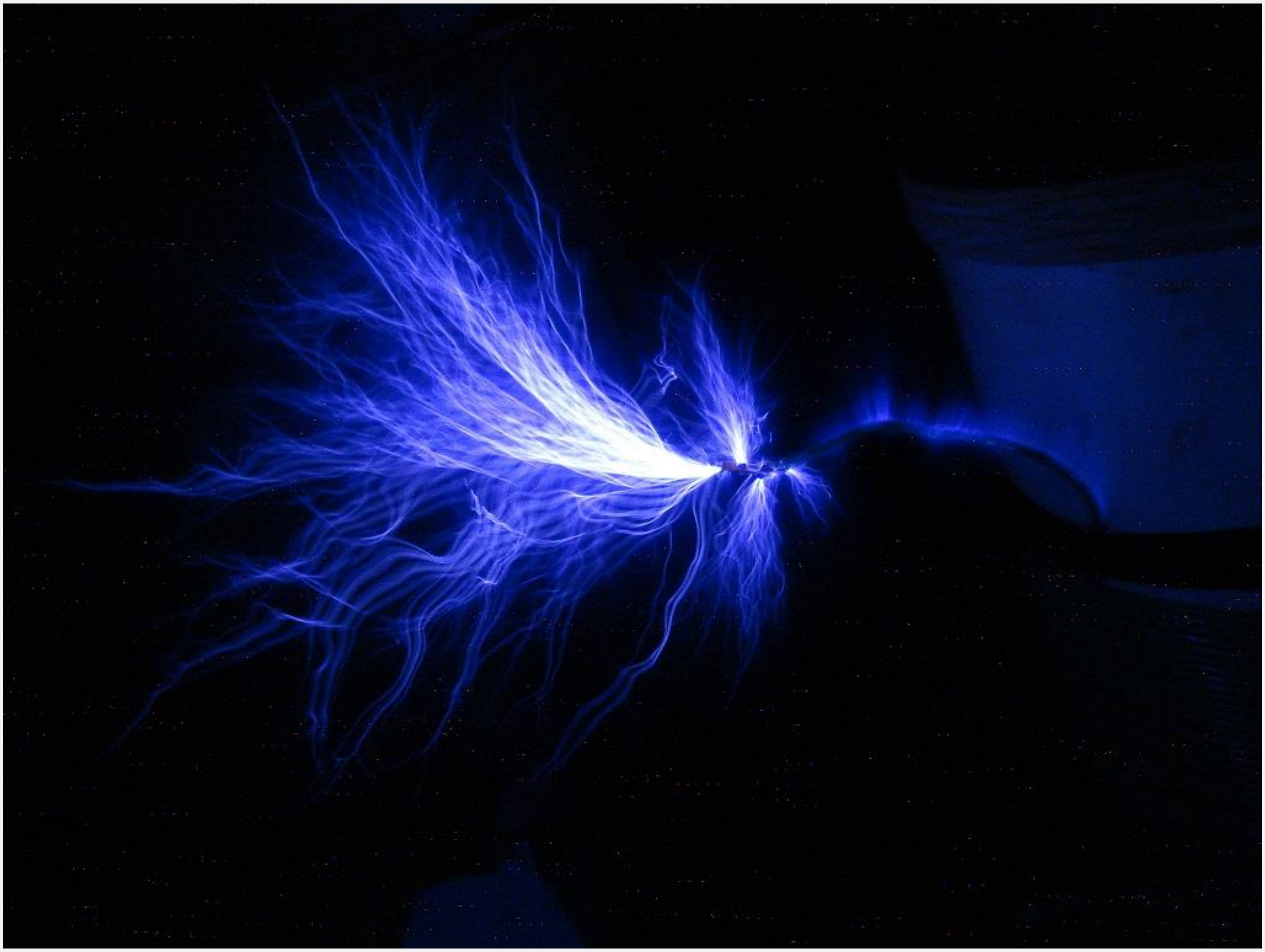


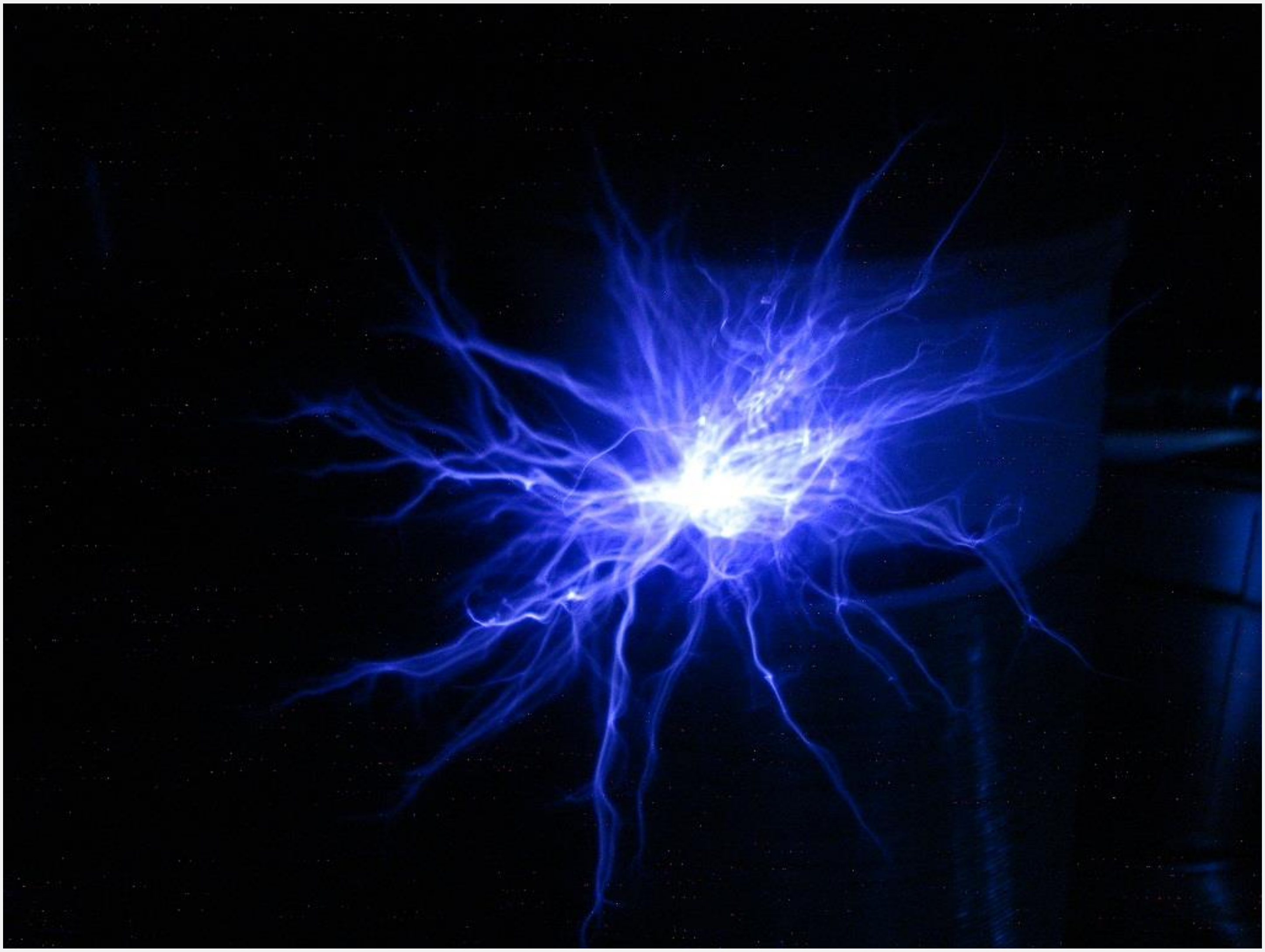


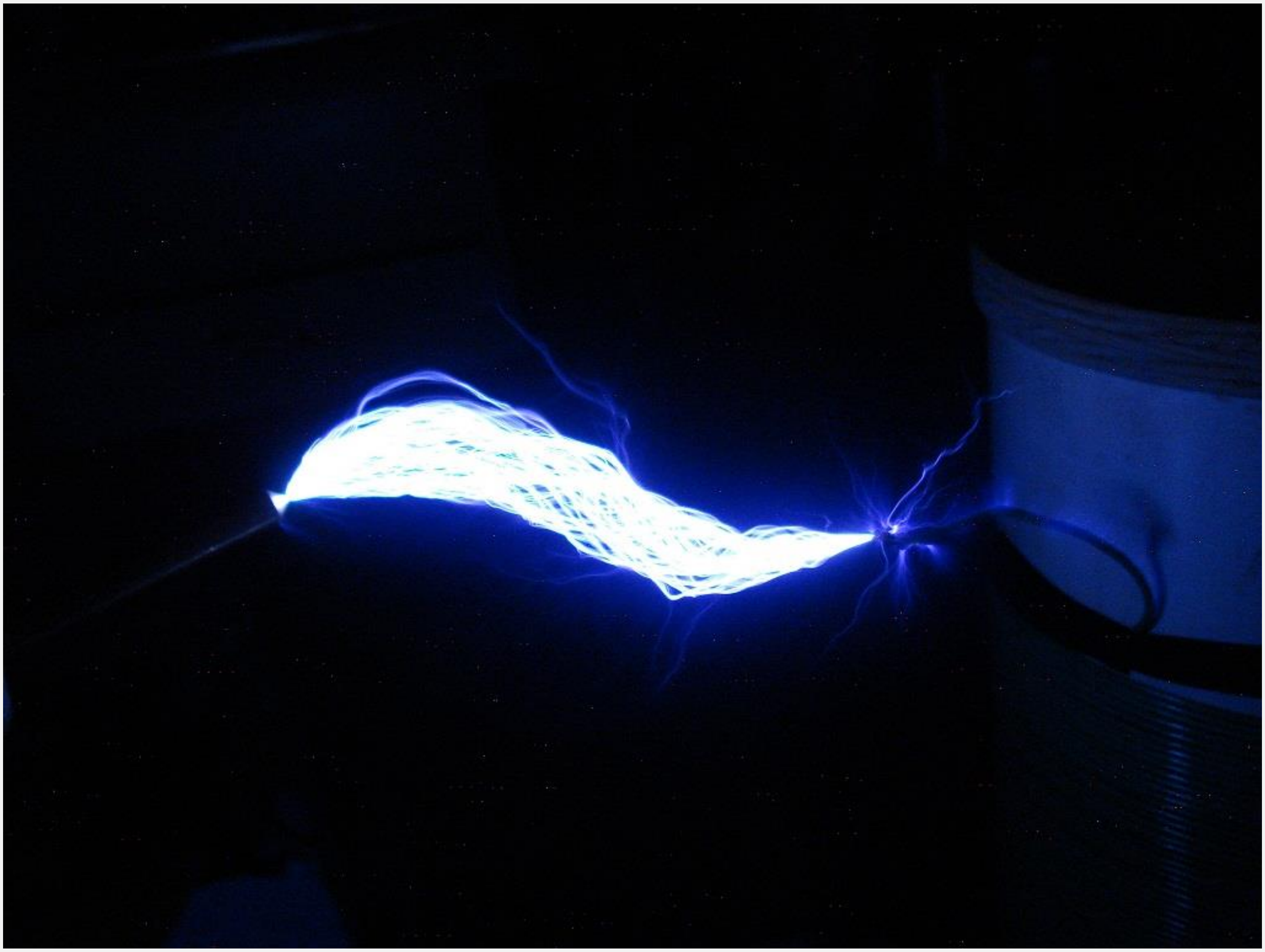


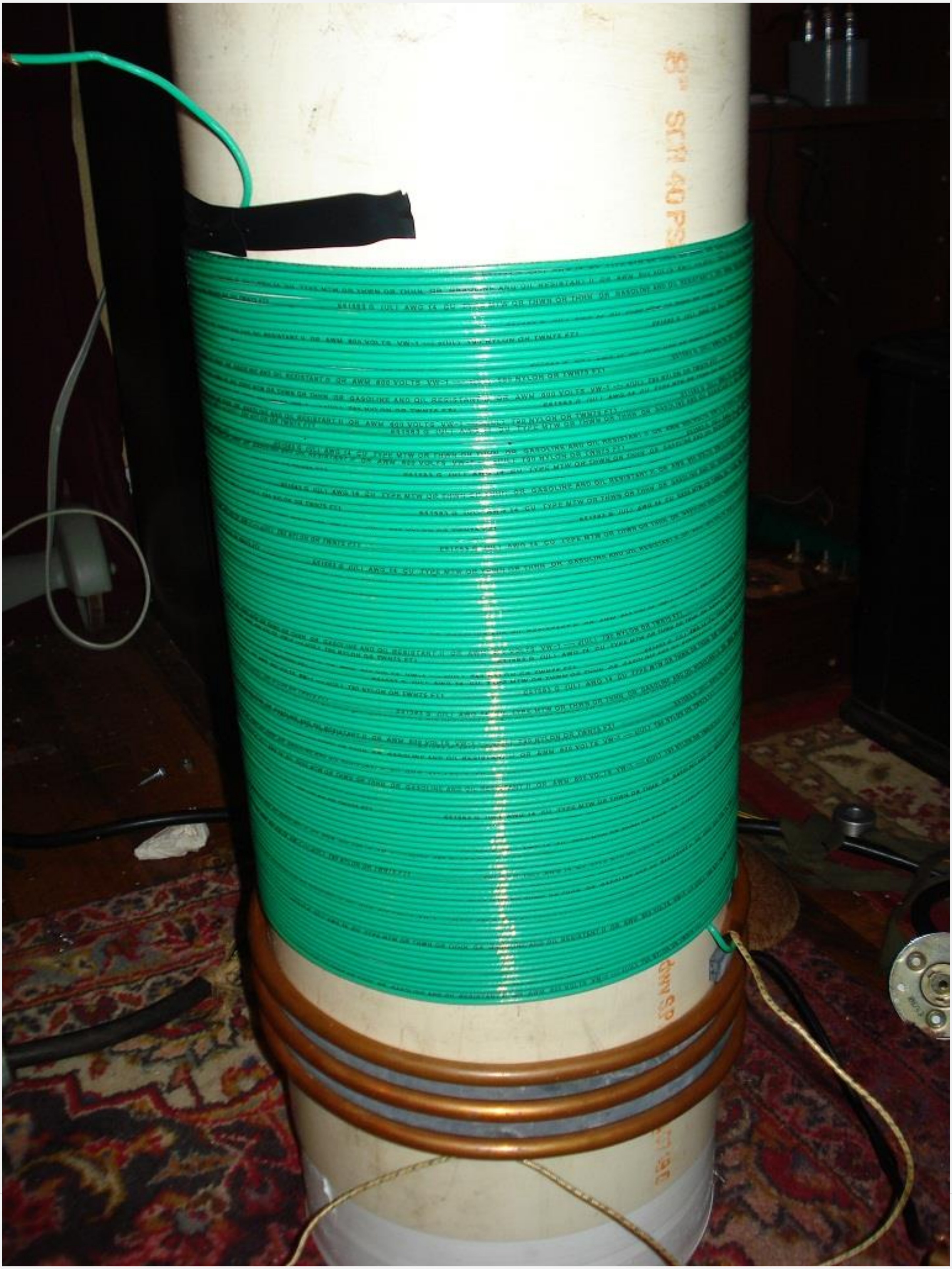


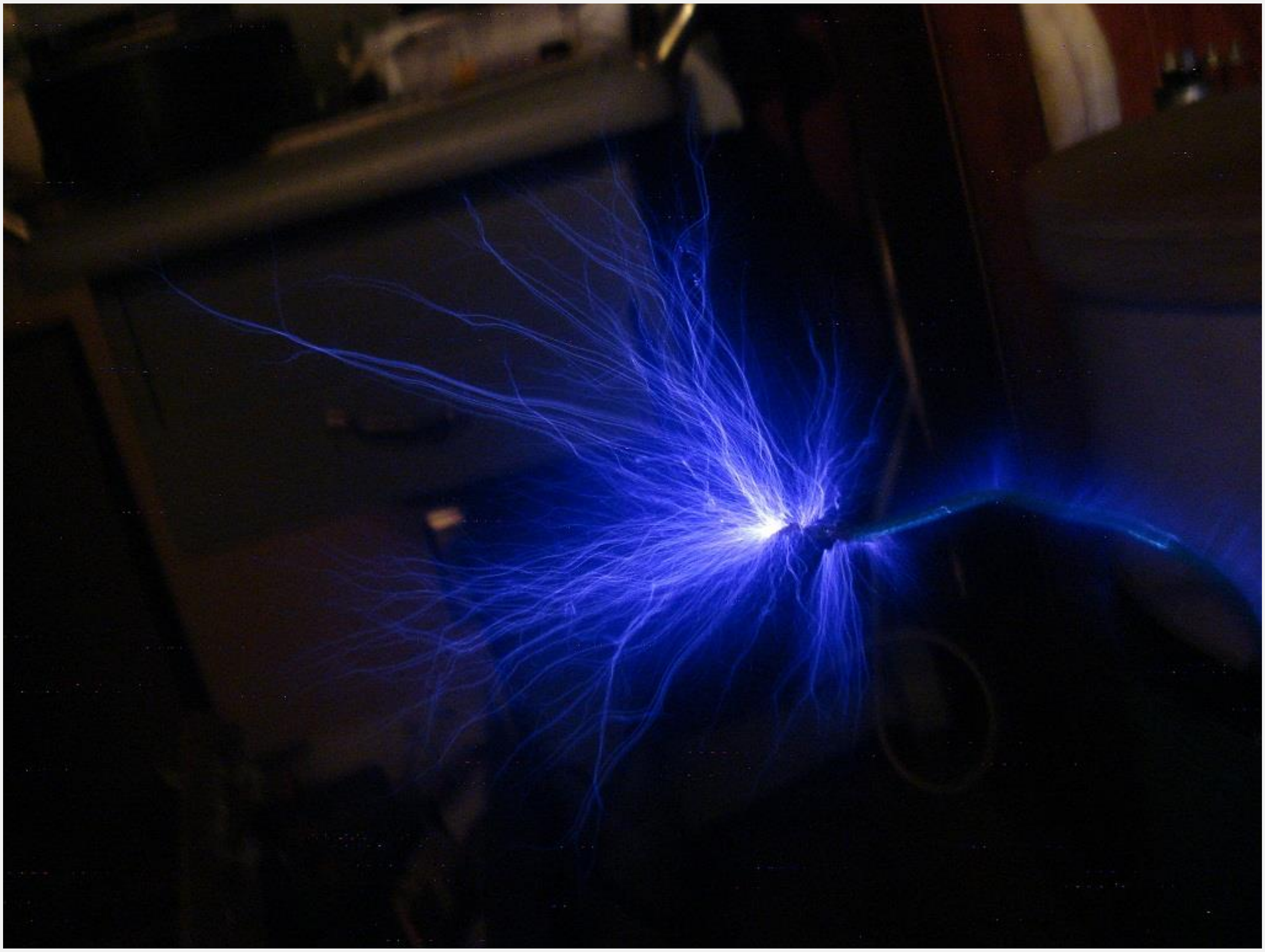


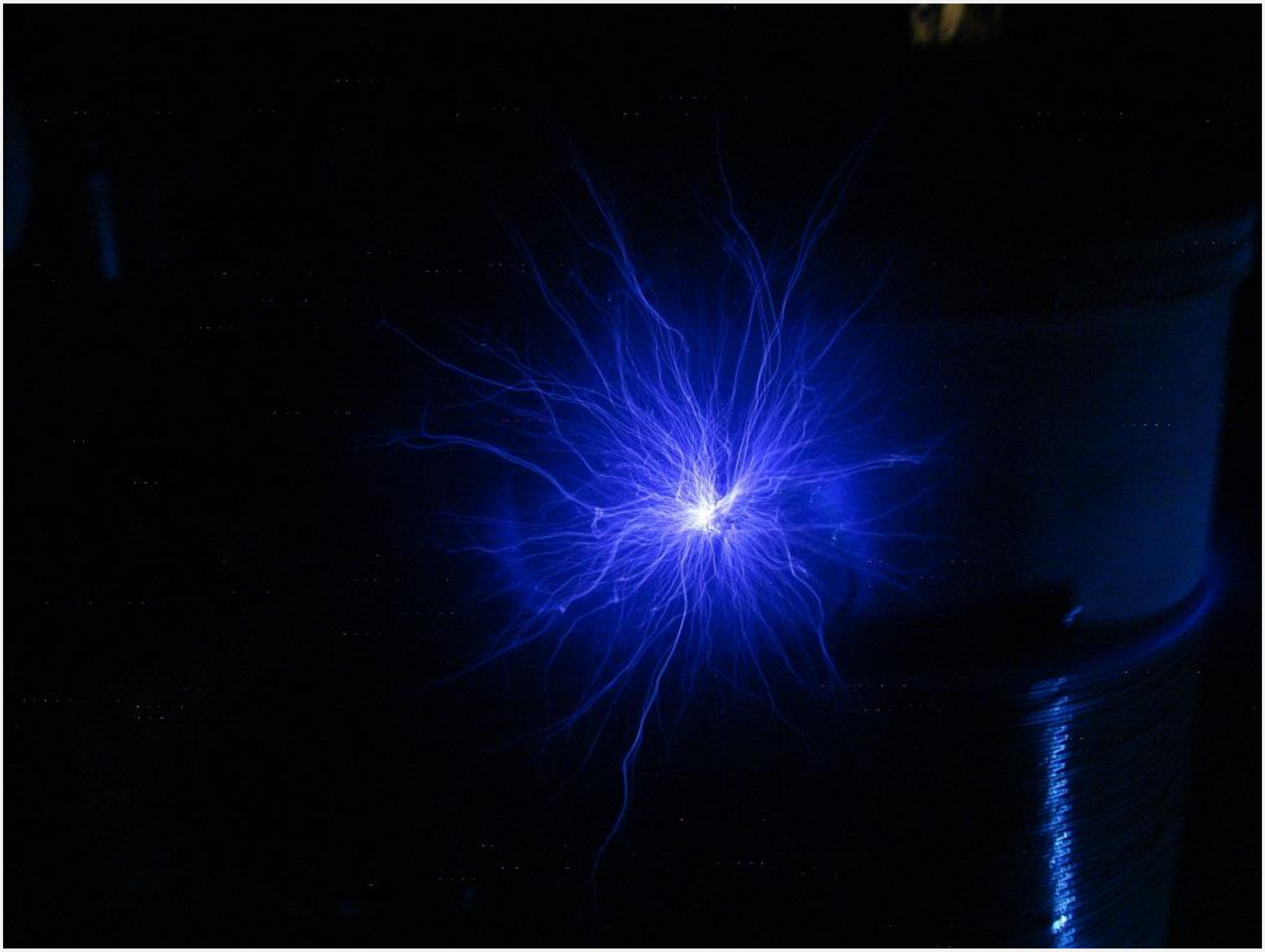


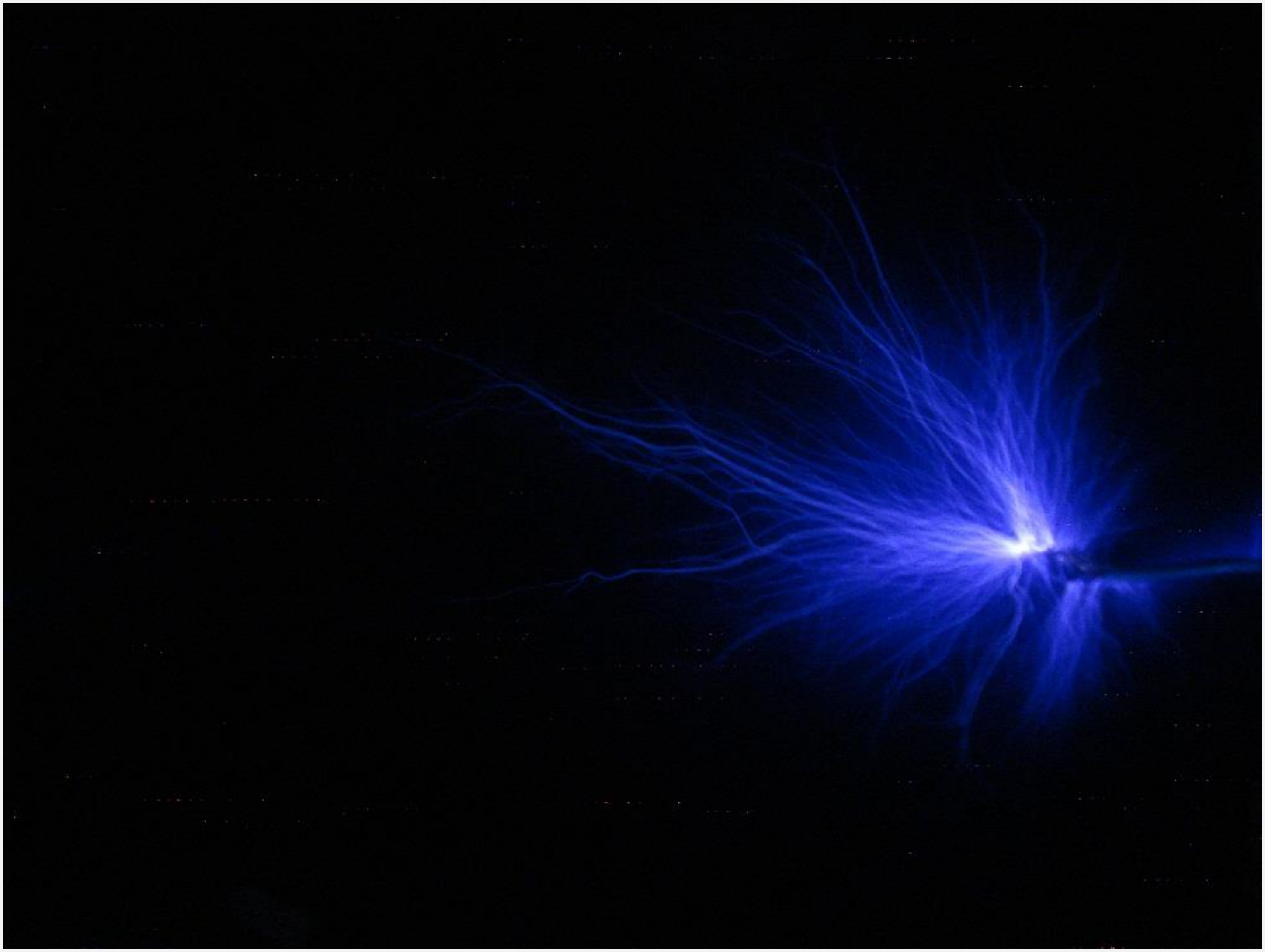


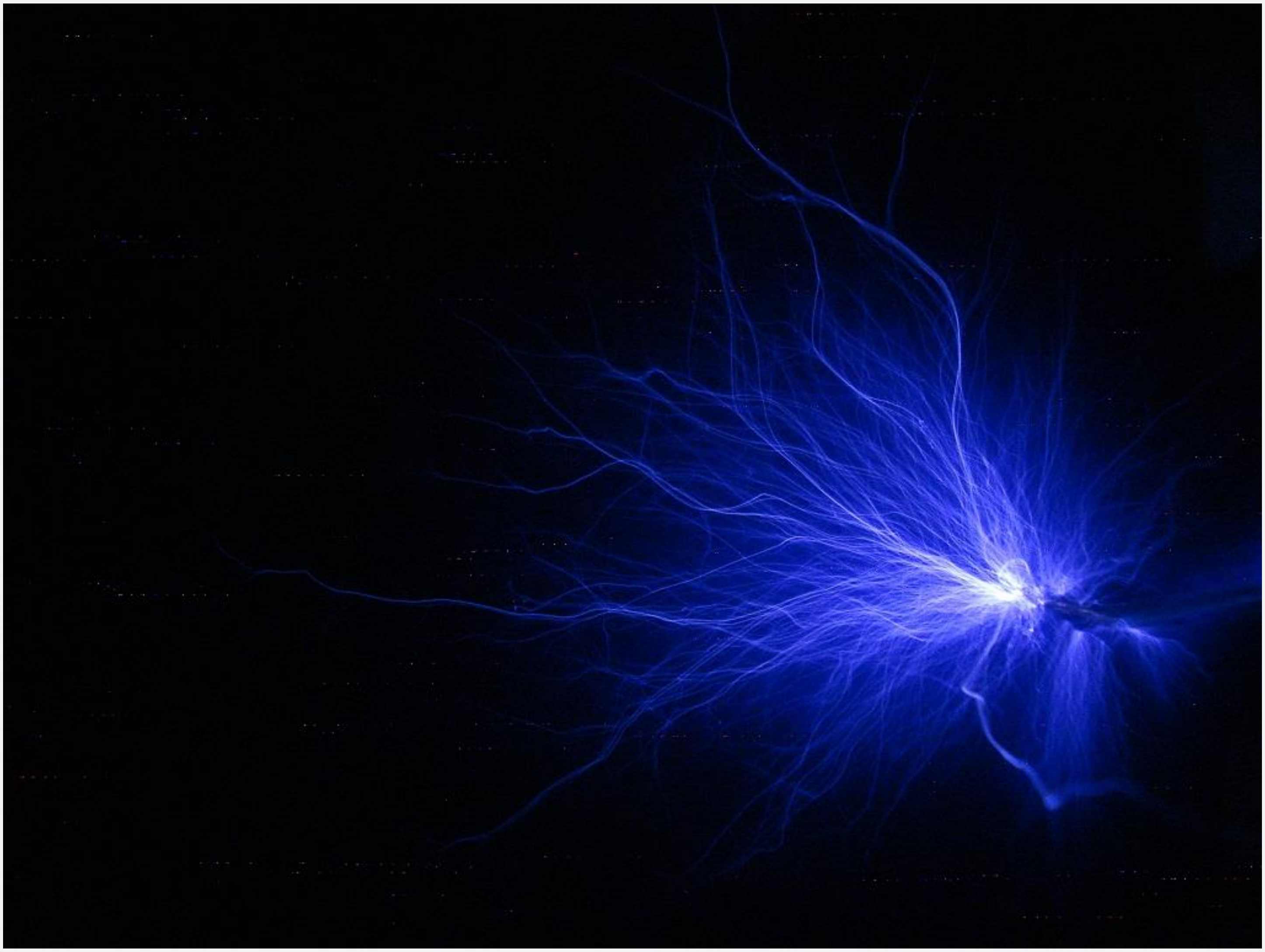


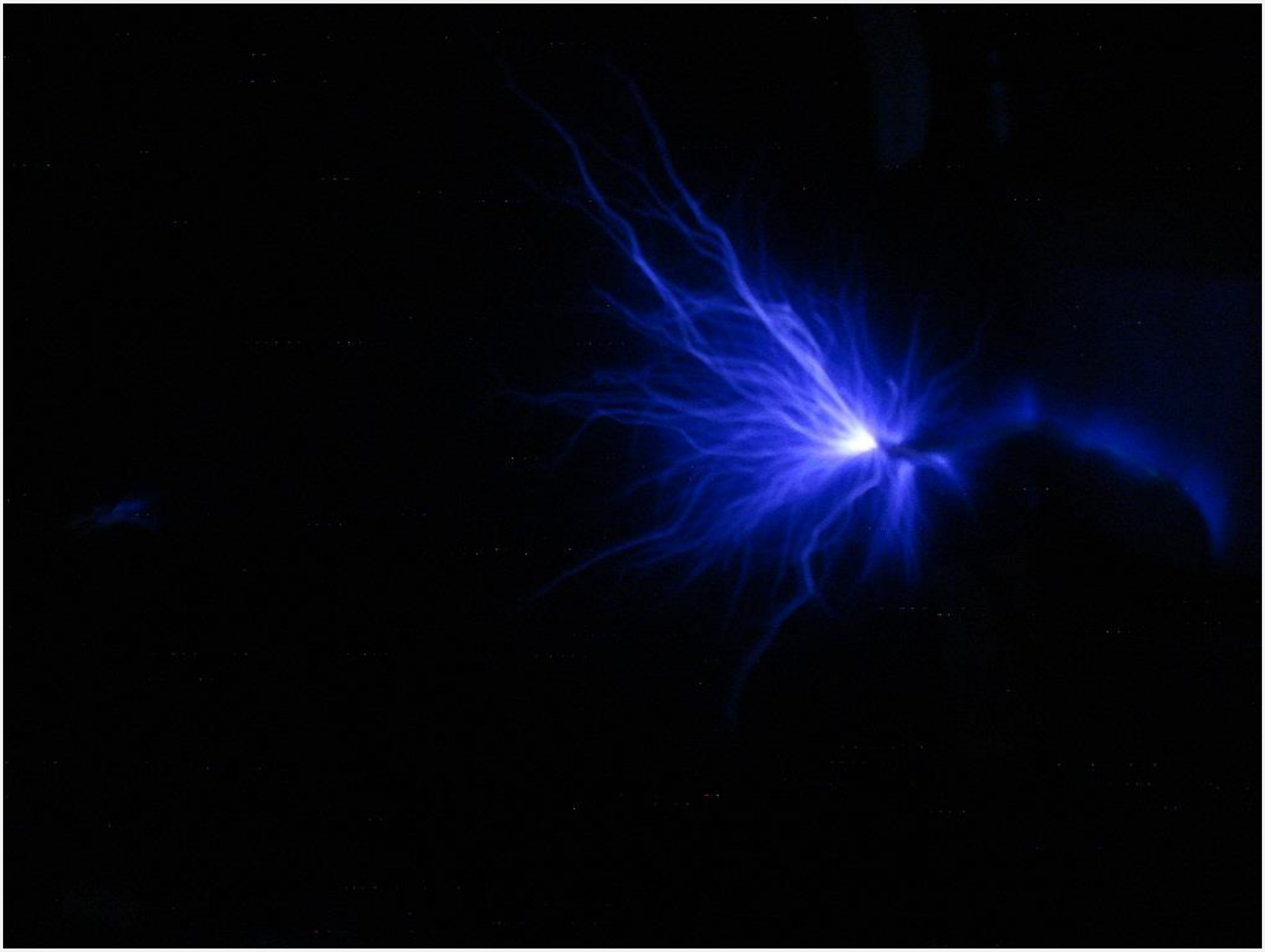

8" SCH 40 PS

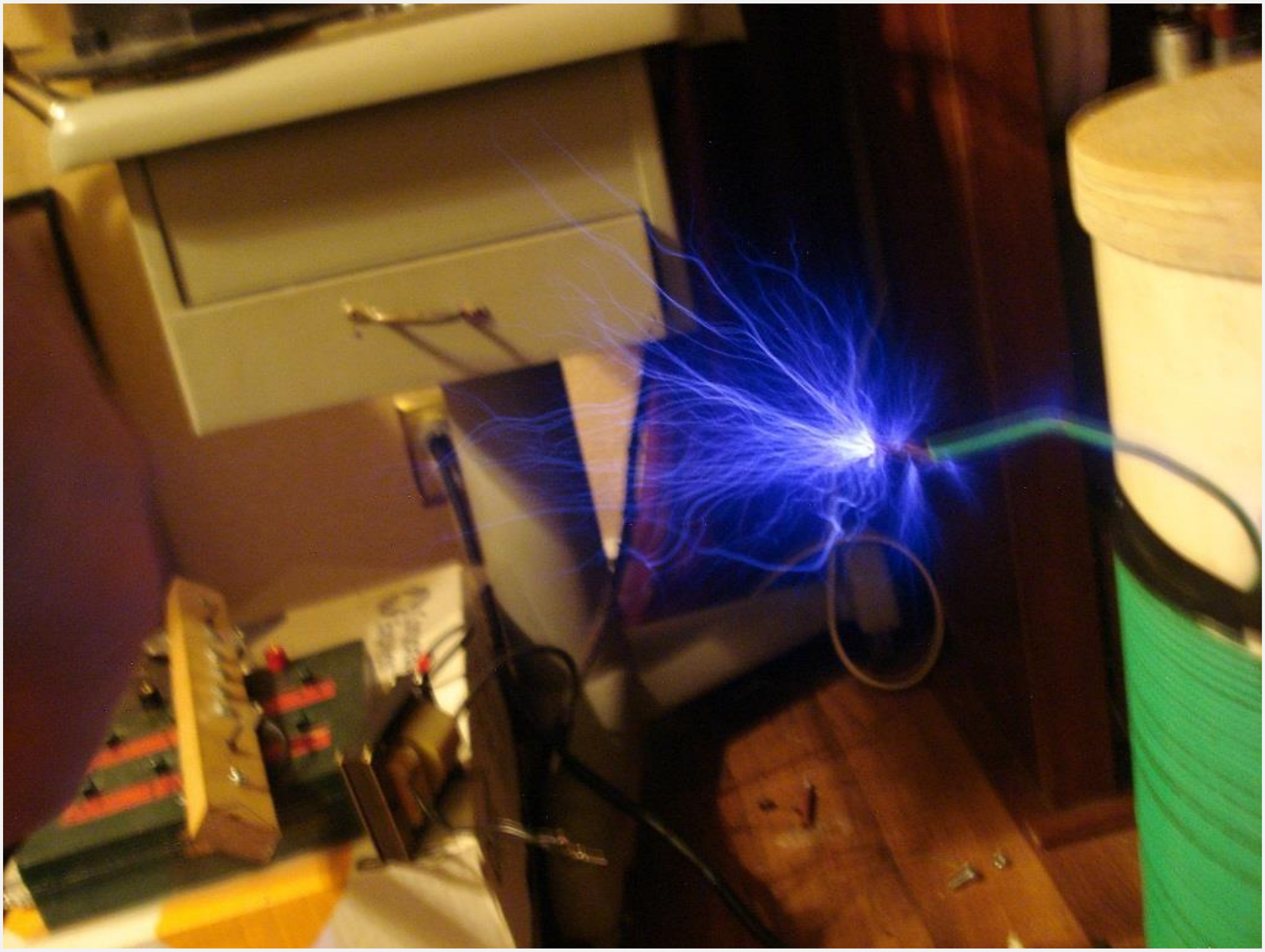


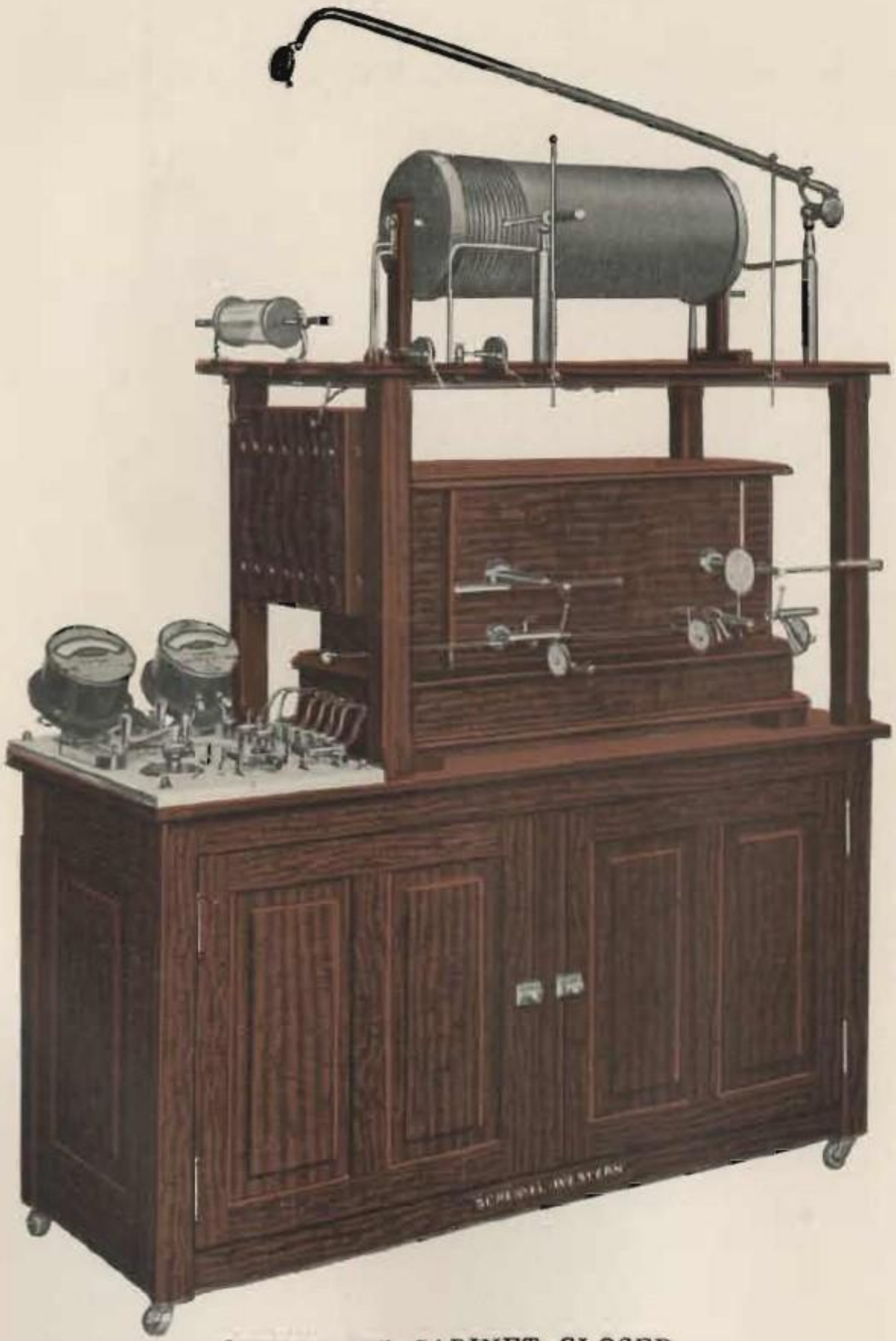












OUTFIT "B" CABINET CLOSED.

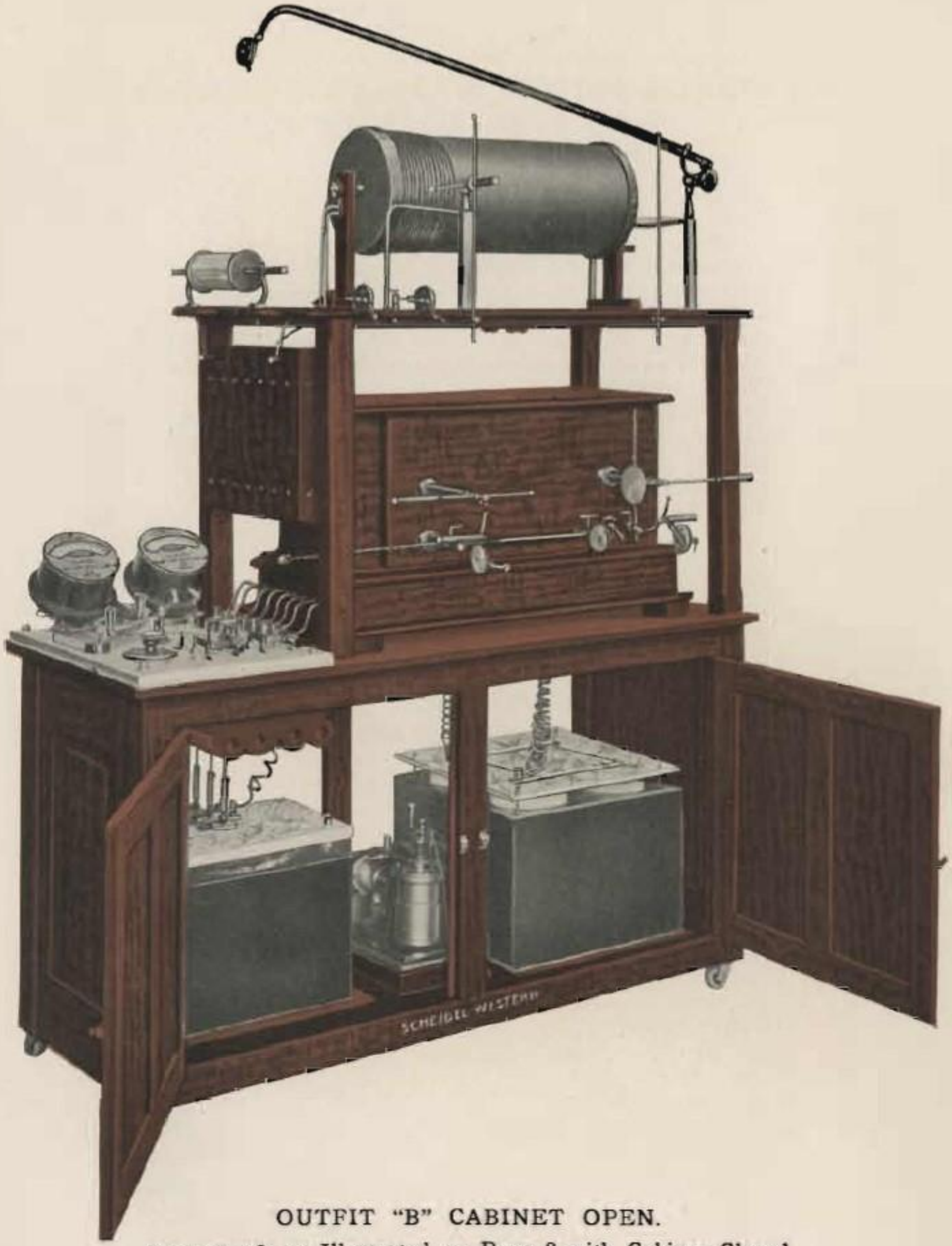
Price complete with all accessories, $698.50.

Furnished in Solid Mahogany. Extra Cost, $20.00.

If coil is to be operated on 220 volt current, add **$15.00** to the price quoted for extra size rheostat.

Combination Radiographic Special X-Ray and high-frequency outfit for alternating or direct current, as per itemized list on page seven.

Dimensions: 4 ft. 11 in. long, 6 ft. 2 in. high, 2 ft. 2½ in. wide.



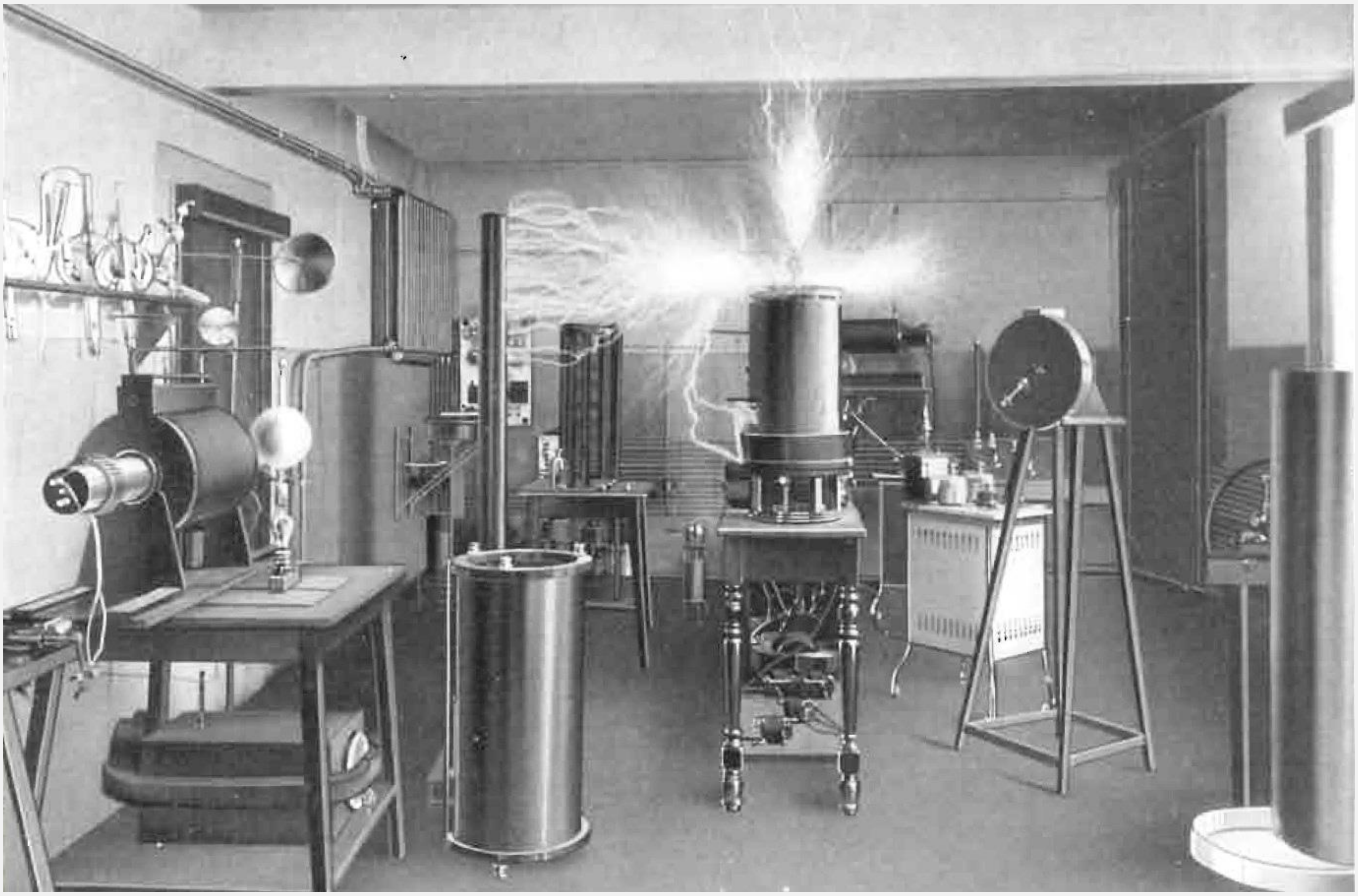
OUTFIT "B" CABINET OPEN.

Same Outfit as Illustrated on Page 8 with Cabinet Closed.

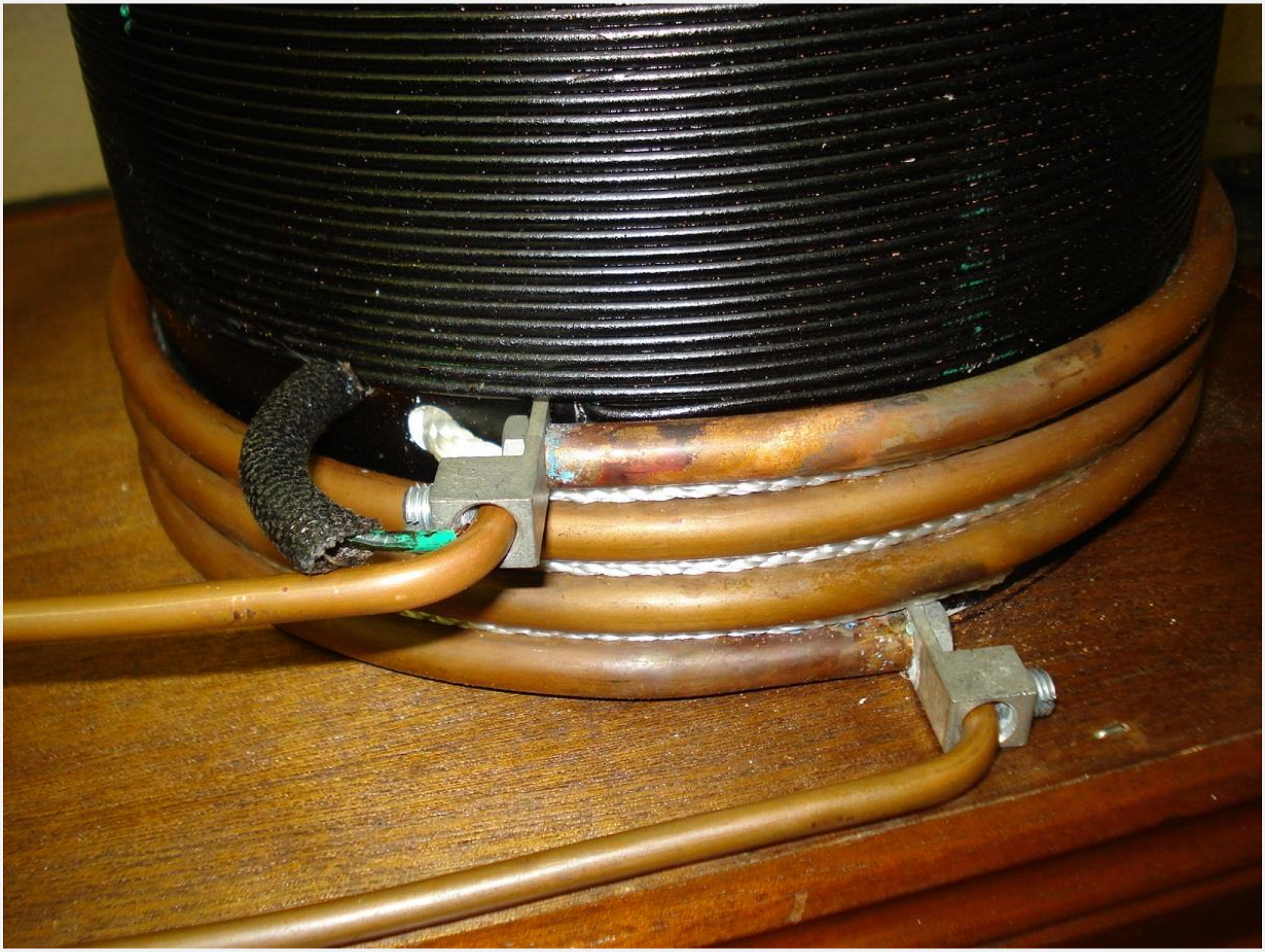
If coil is to be operated on 220 volt current, add **$15.00** to the price quoted for extra size rheostat.

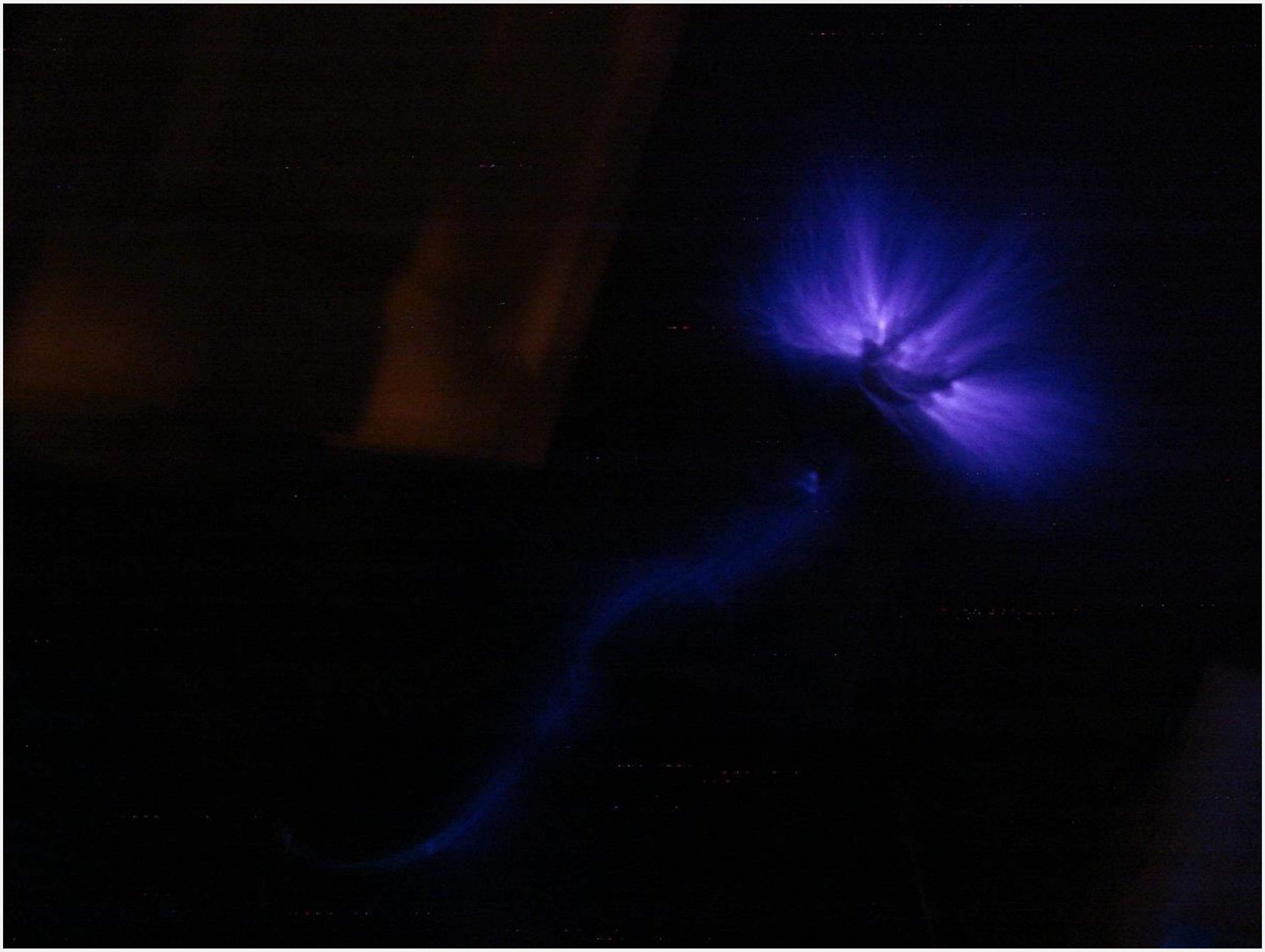
Combination Radiographic Special and High-Frequency Outfit for Alternating or Direct Current, as Described and Itemized on Page Seven.

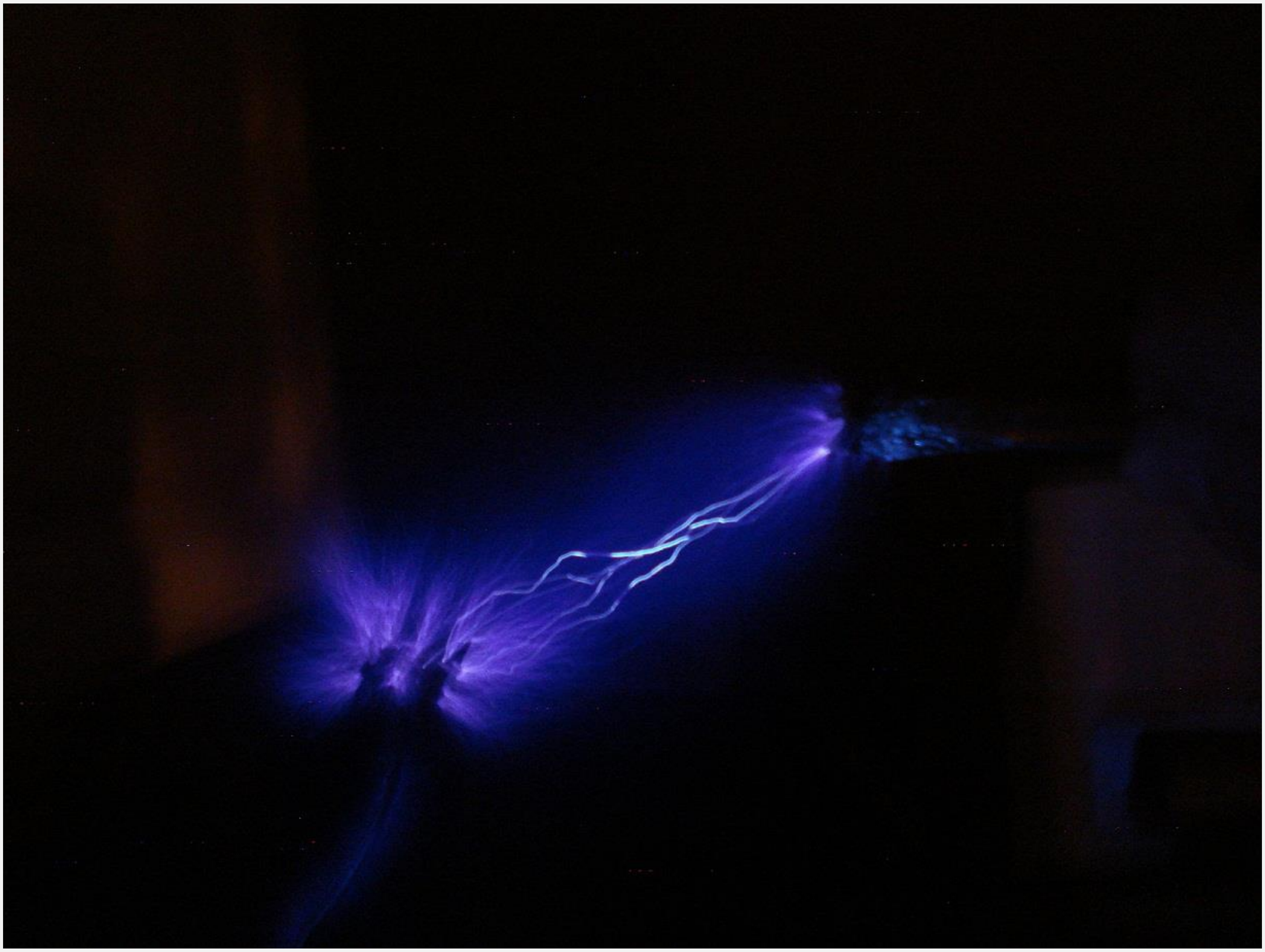
Dimensions: 4 ft. 11 in. long, 6 ft. 2 in. high, 2 ft. 2½ in. wide.

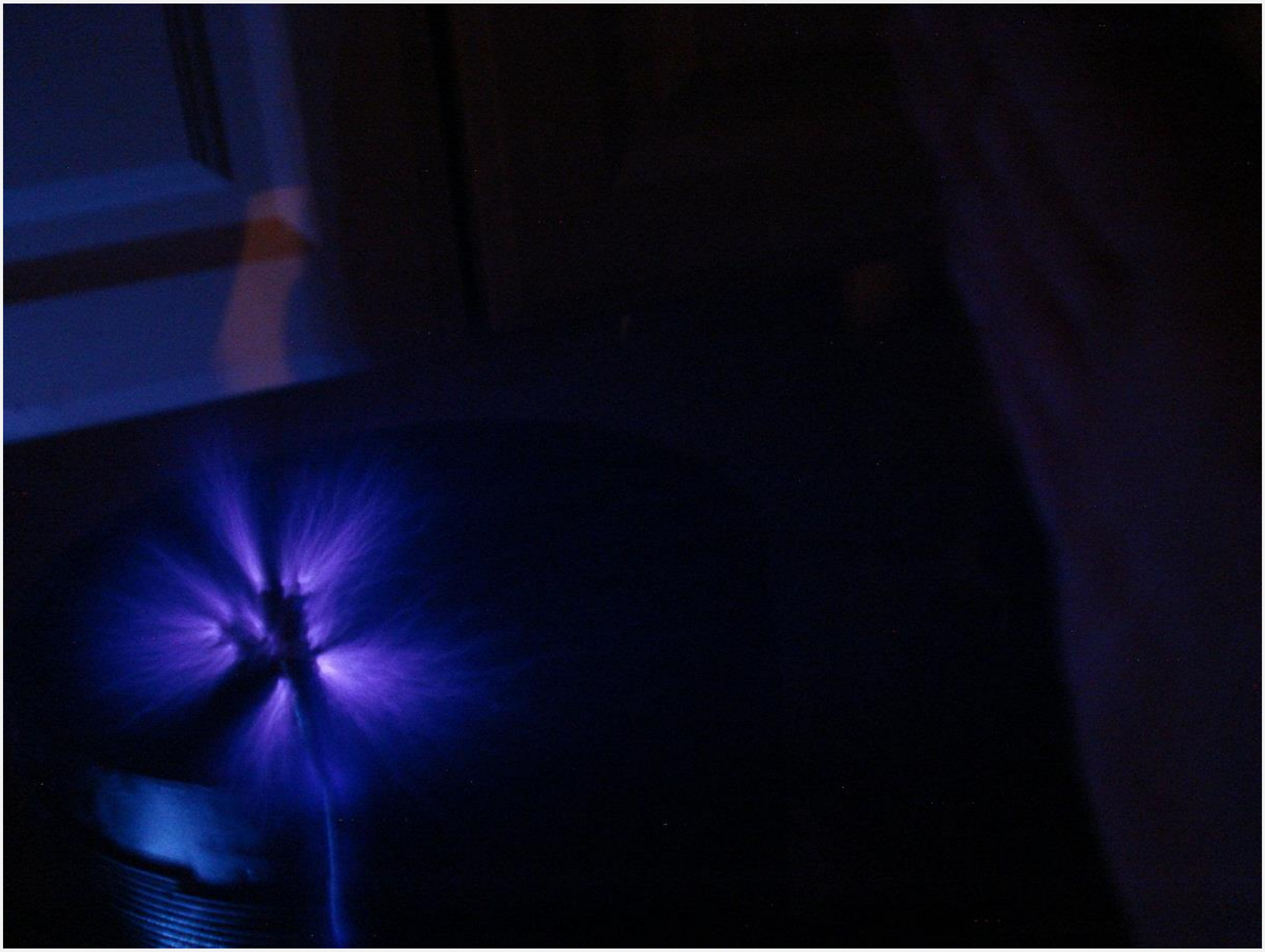


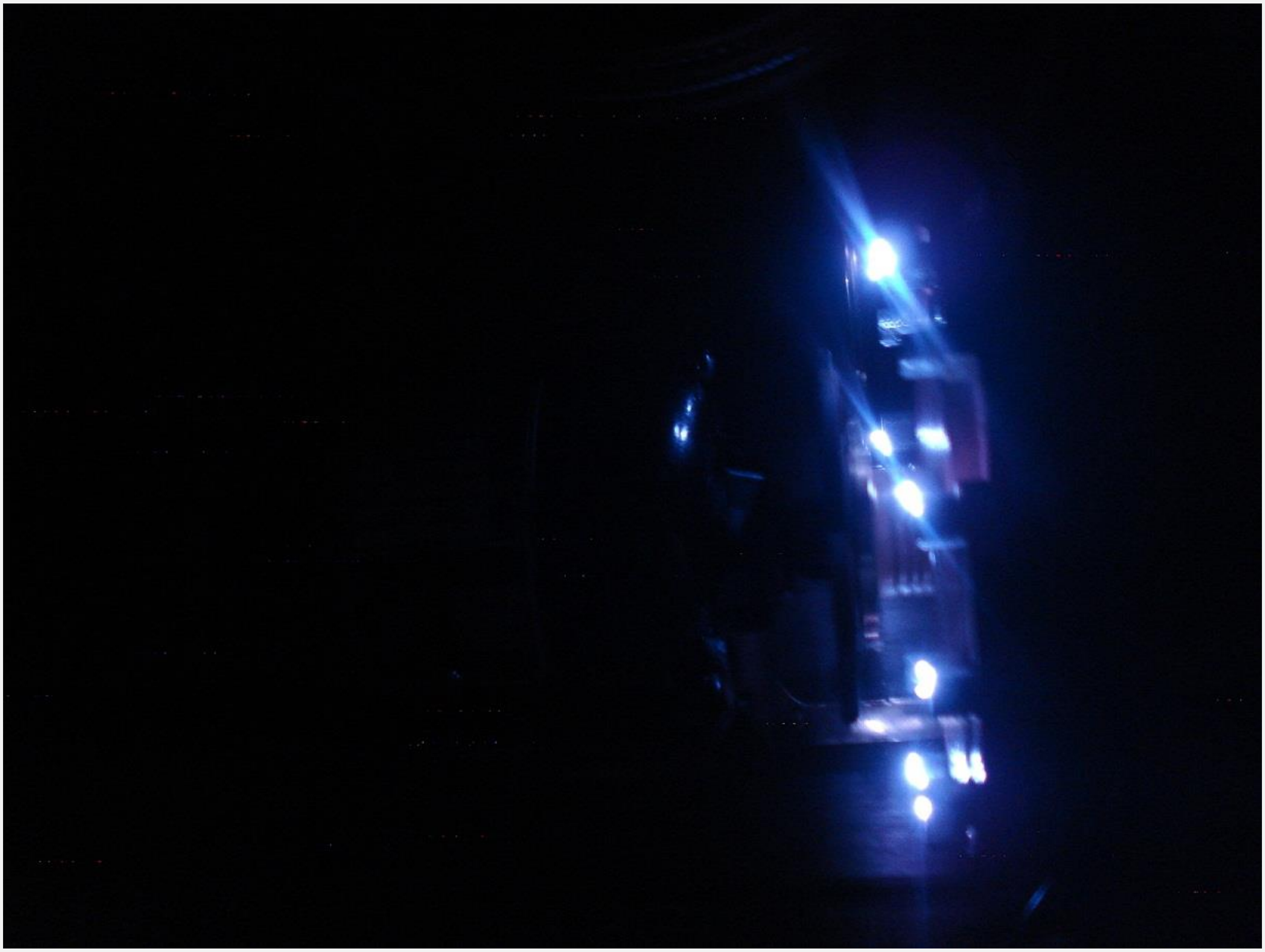
BODINE ELECTRIC COMPANY
CHICAGO, ILL. U.S.A.
FRACTIONAL HORSEPOWER MOTOR
TYPE NSI-12
NO 209EK2062
VOLTS 115
PH 1
AMP .76
HZ 60
HP 1/50
RPM 1725
CAP
MFD
DUTY CONT.
AMB 40 °C
INS A

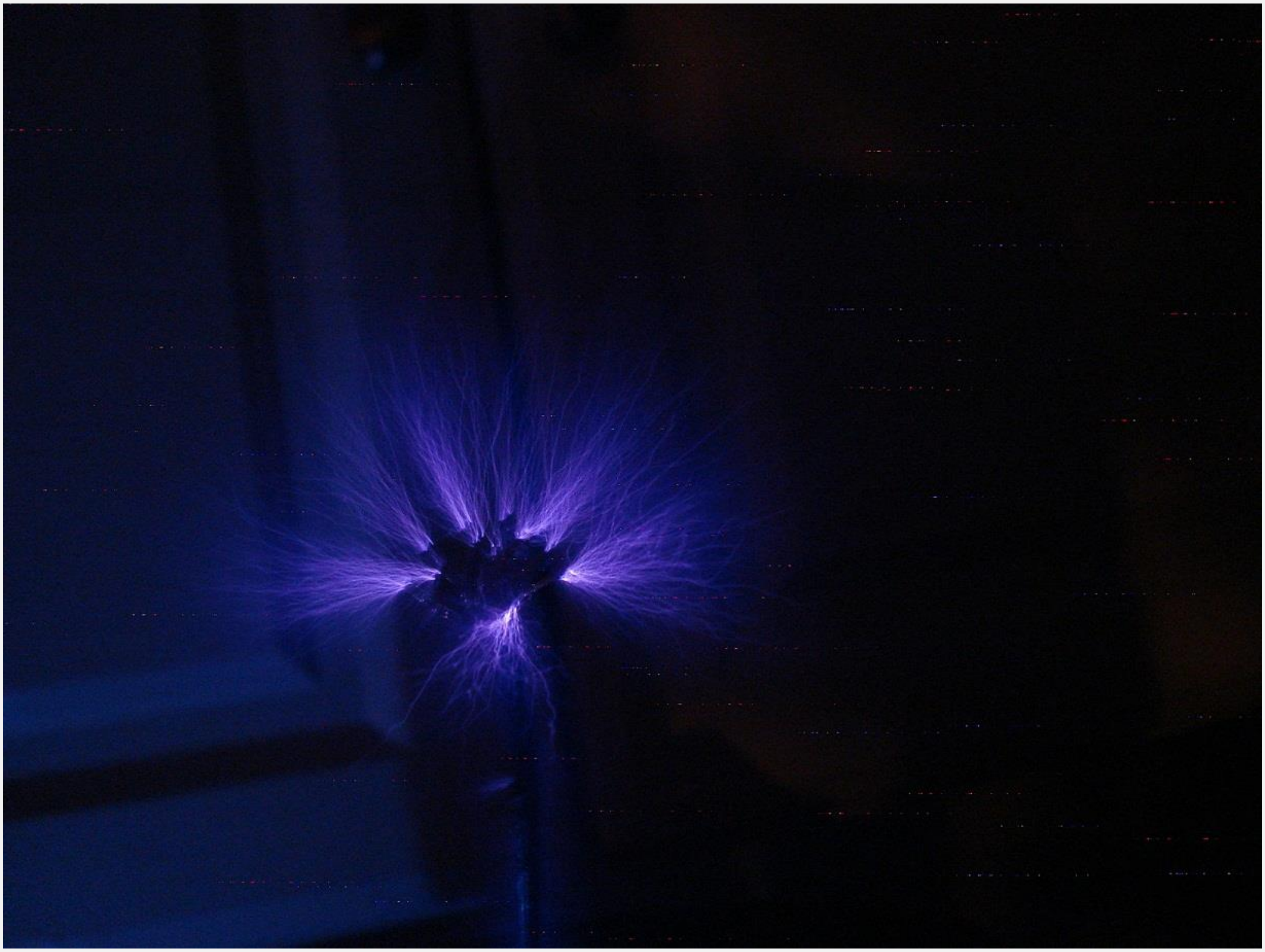


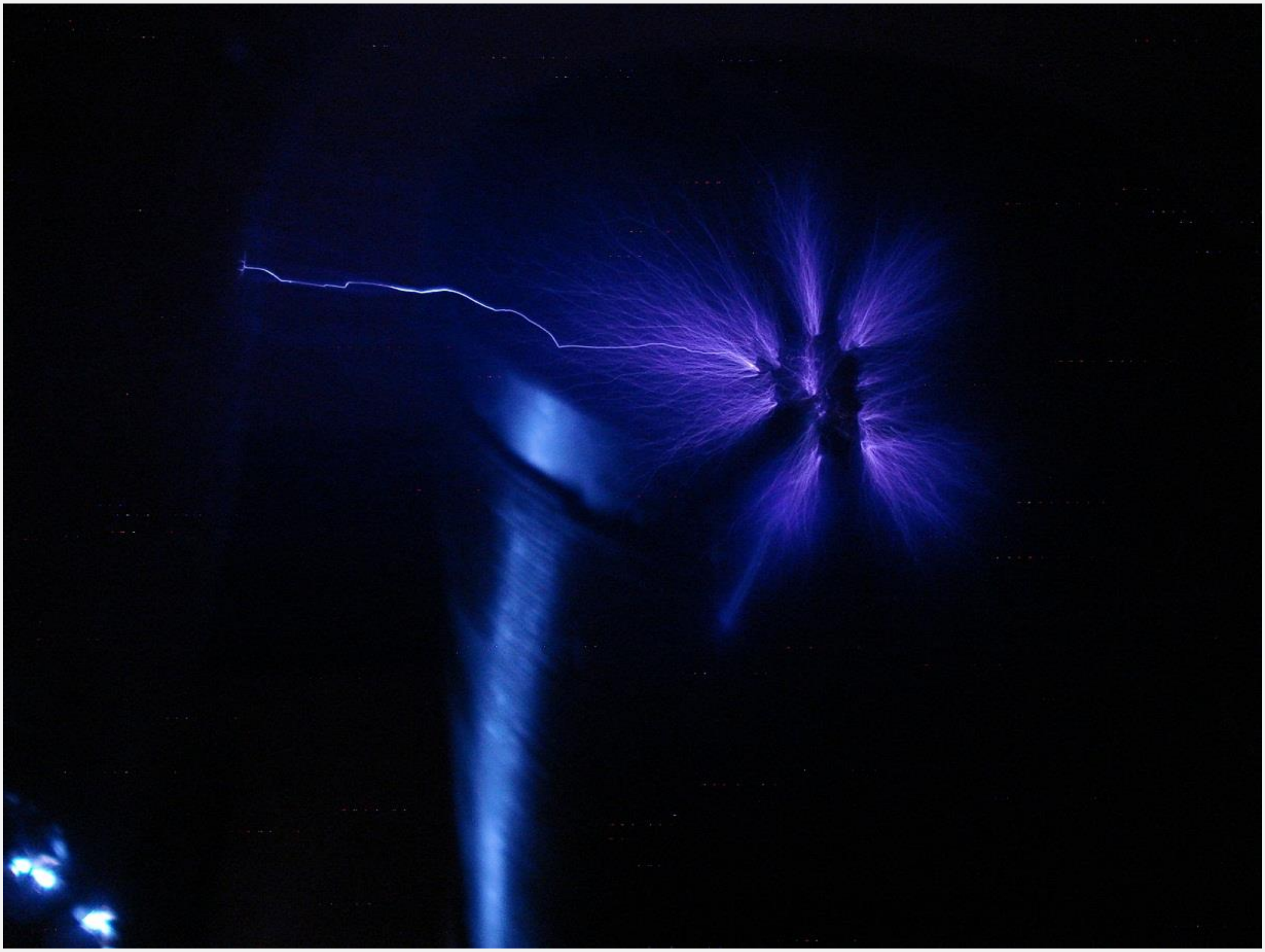


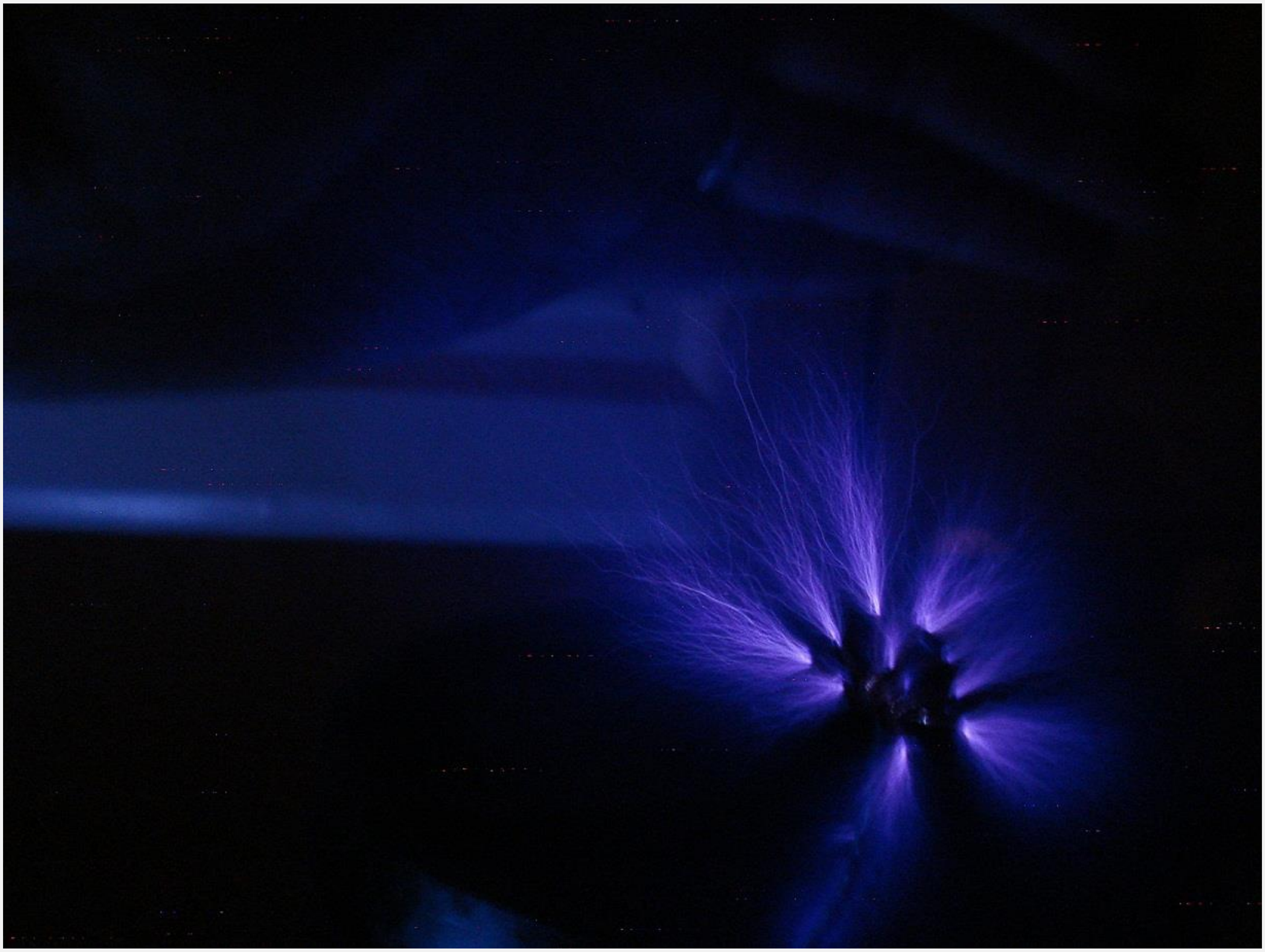


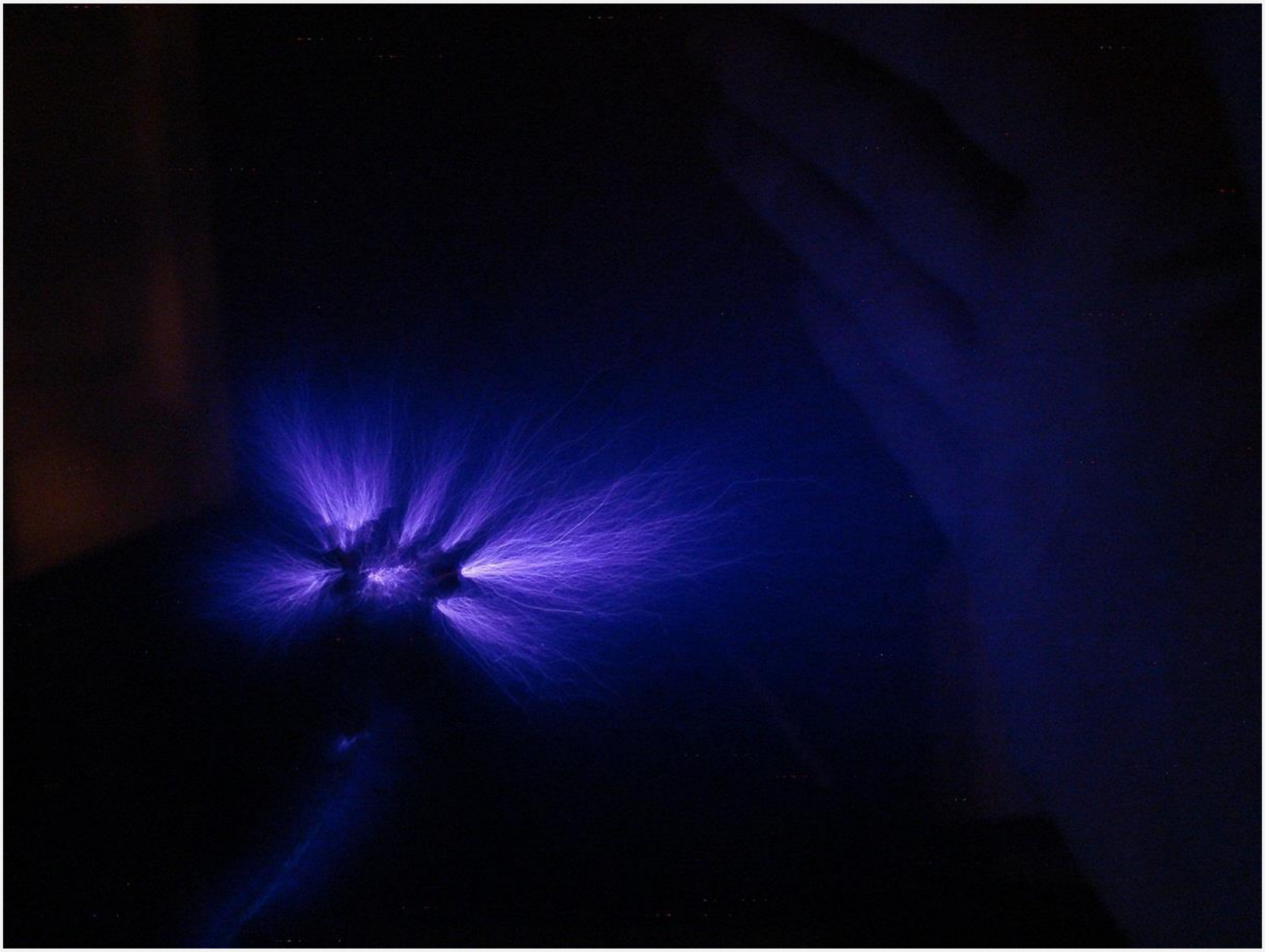


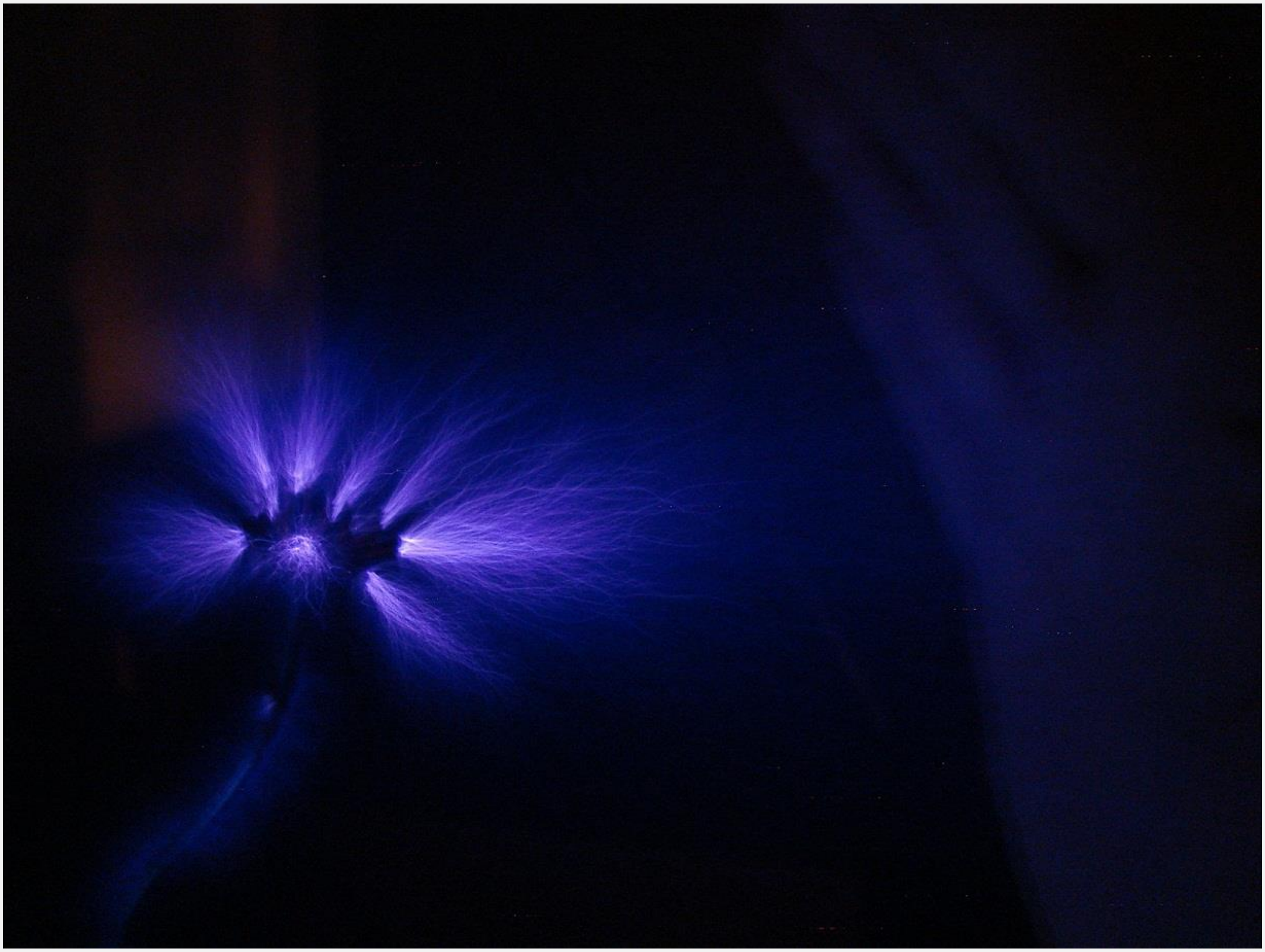


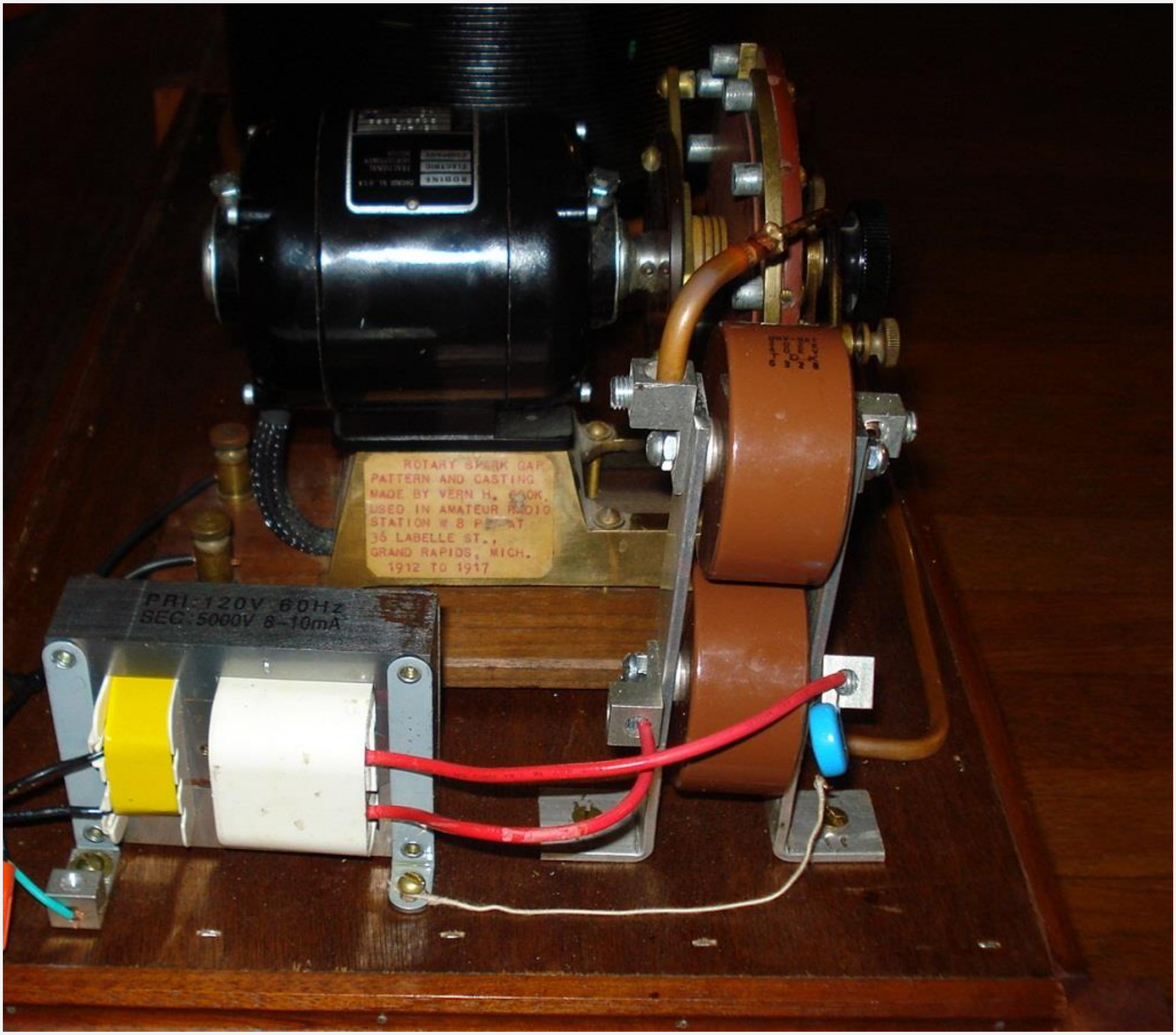


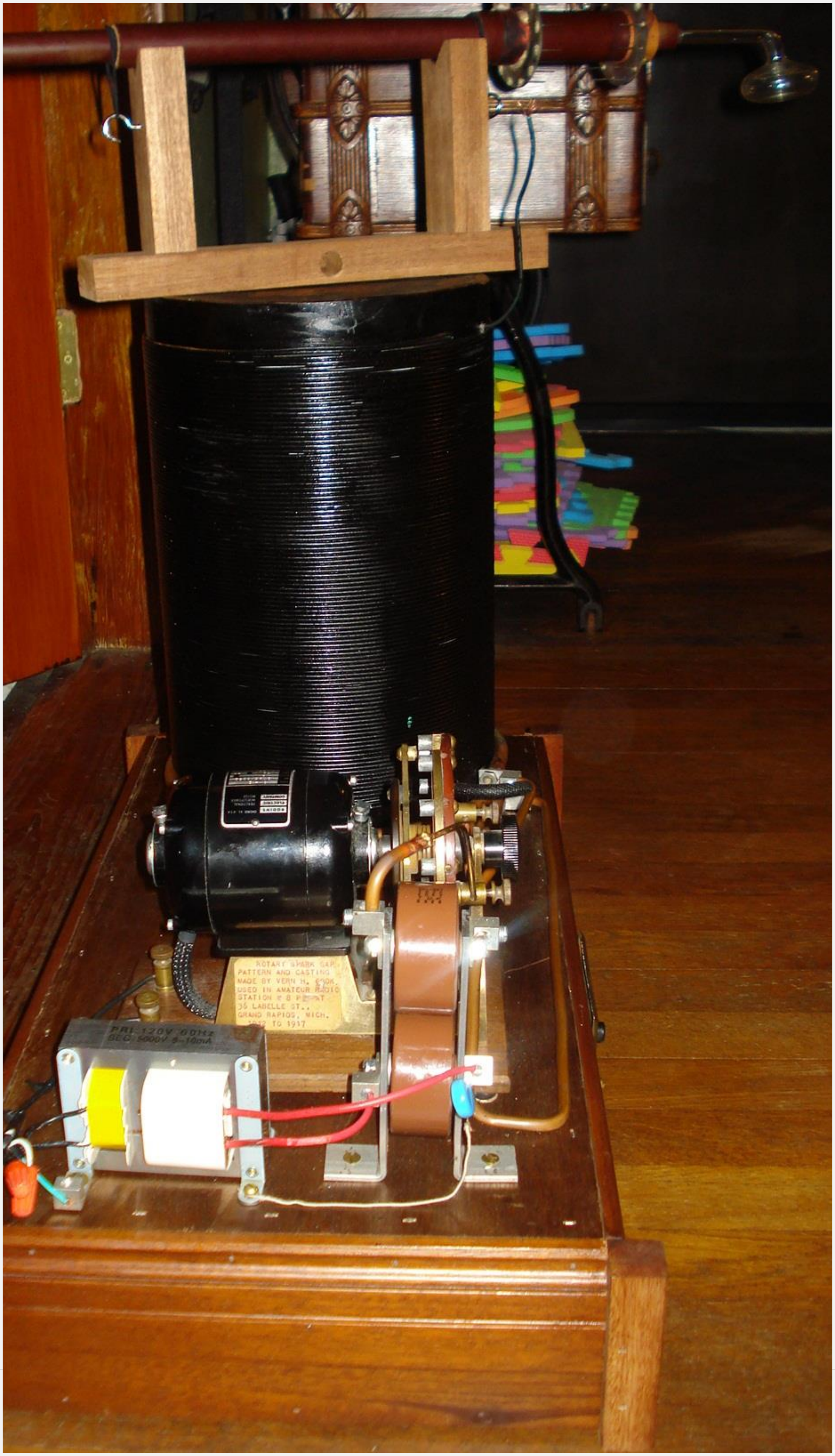


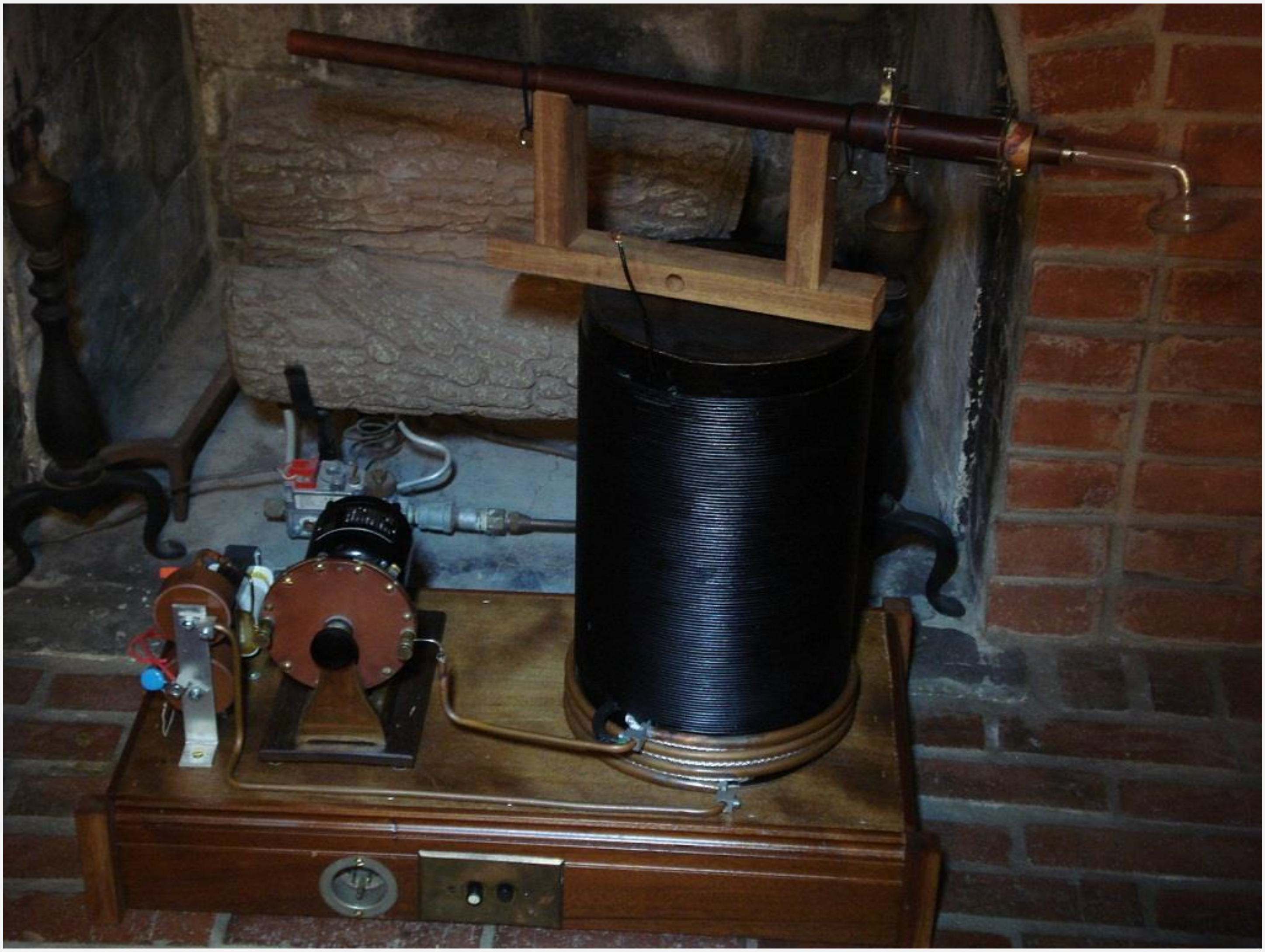




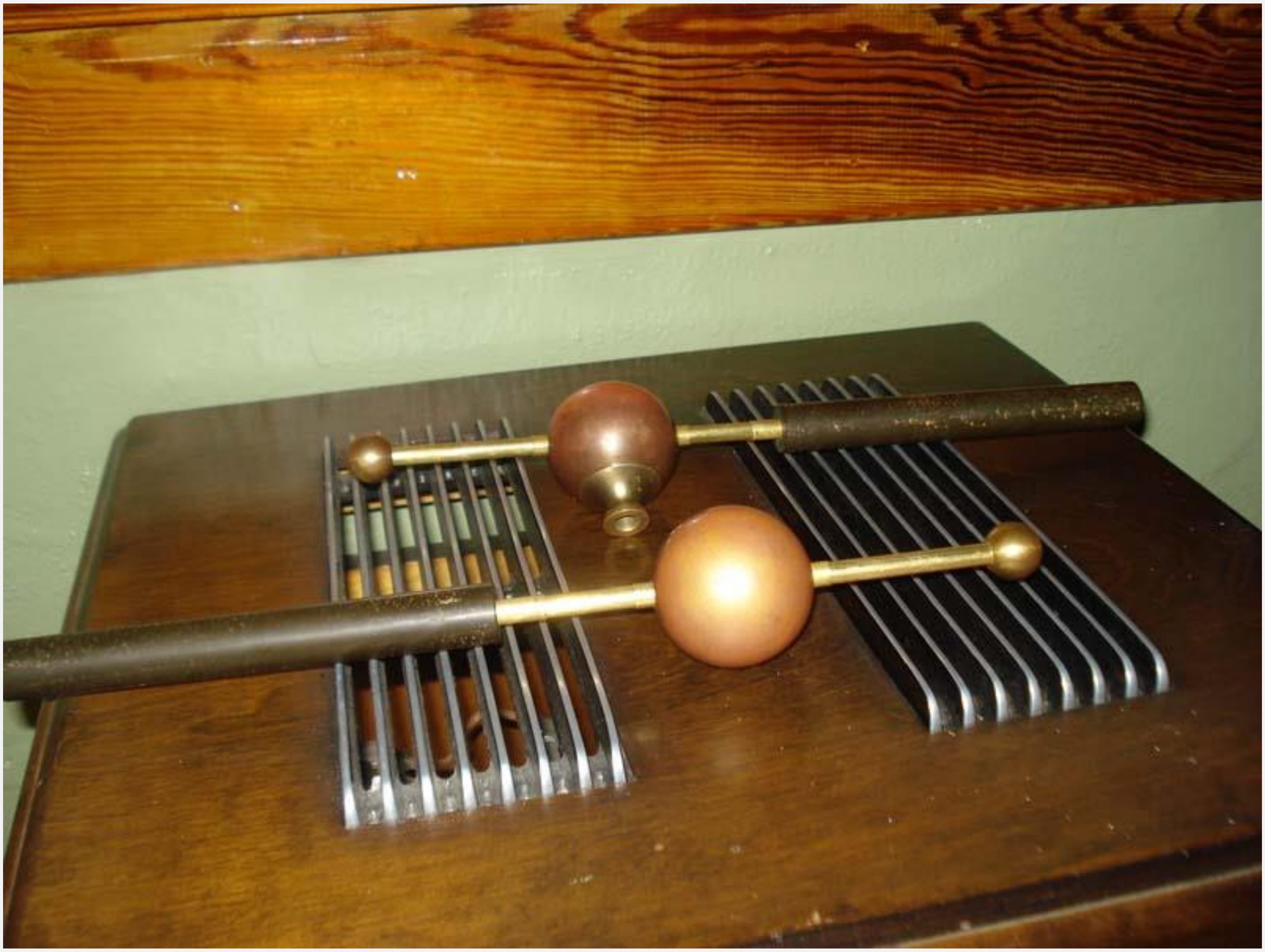


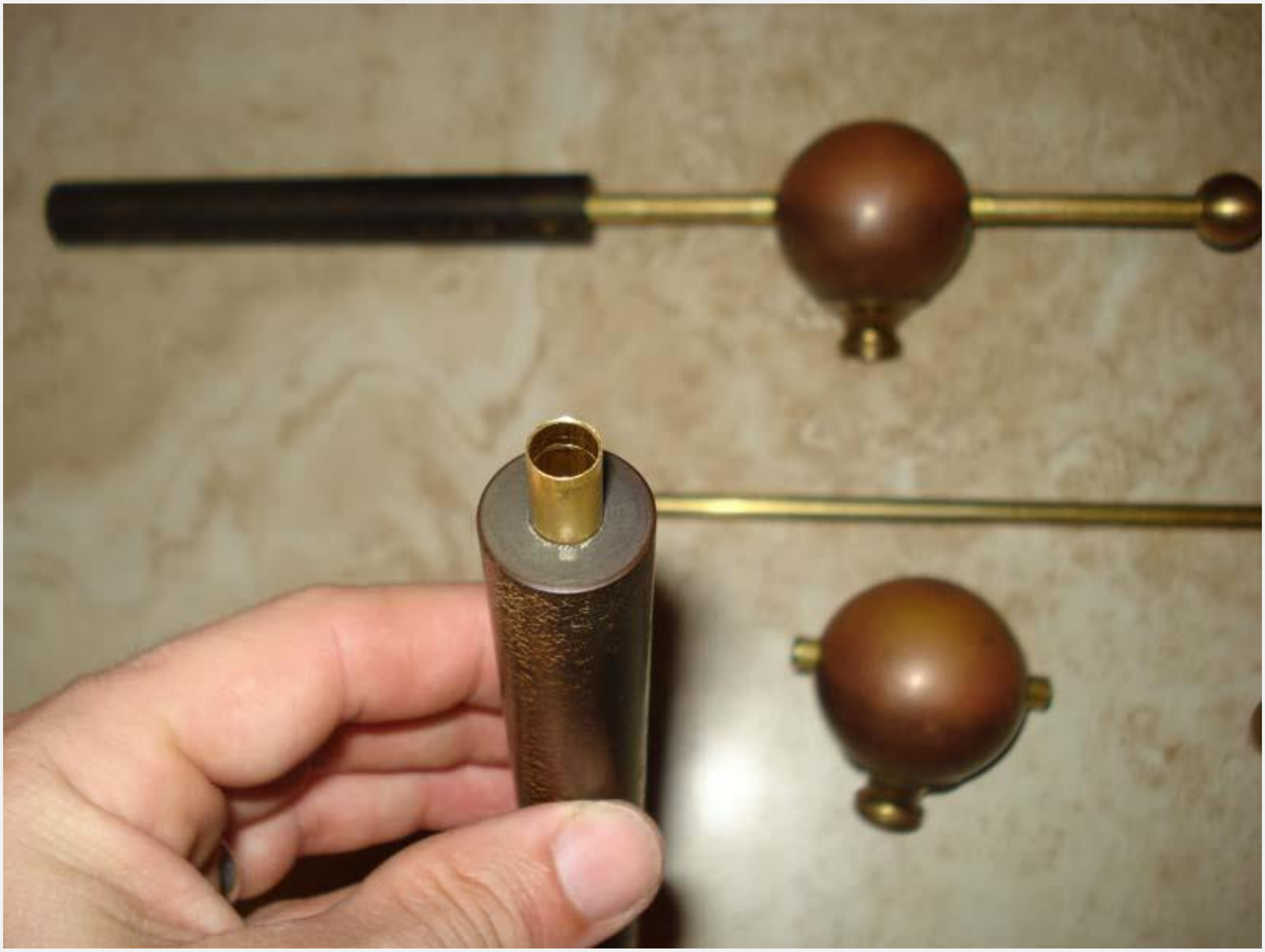

ROTARY SPARK GAP
PATTERN AND CASTING
MADE BY VERN H. [illegible]OK.
USED IN AMATEUR [illegible]ADIO
STATION 8 P[illegible] AT
36 LABELLE ST.,
GRAND RAPIDS, MICH.
1912 TO 1917
PRI 120V 60Hz
SEC 5000V 8-10mA

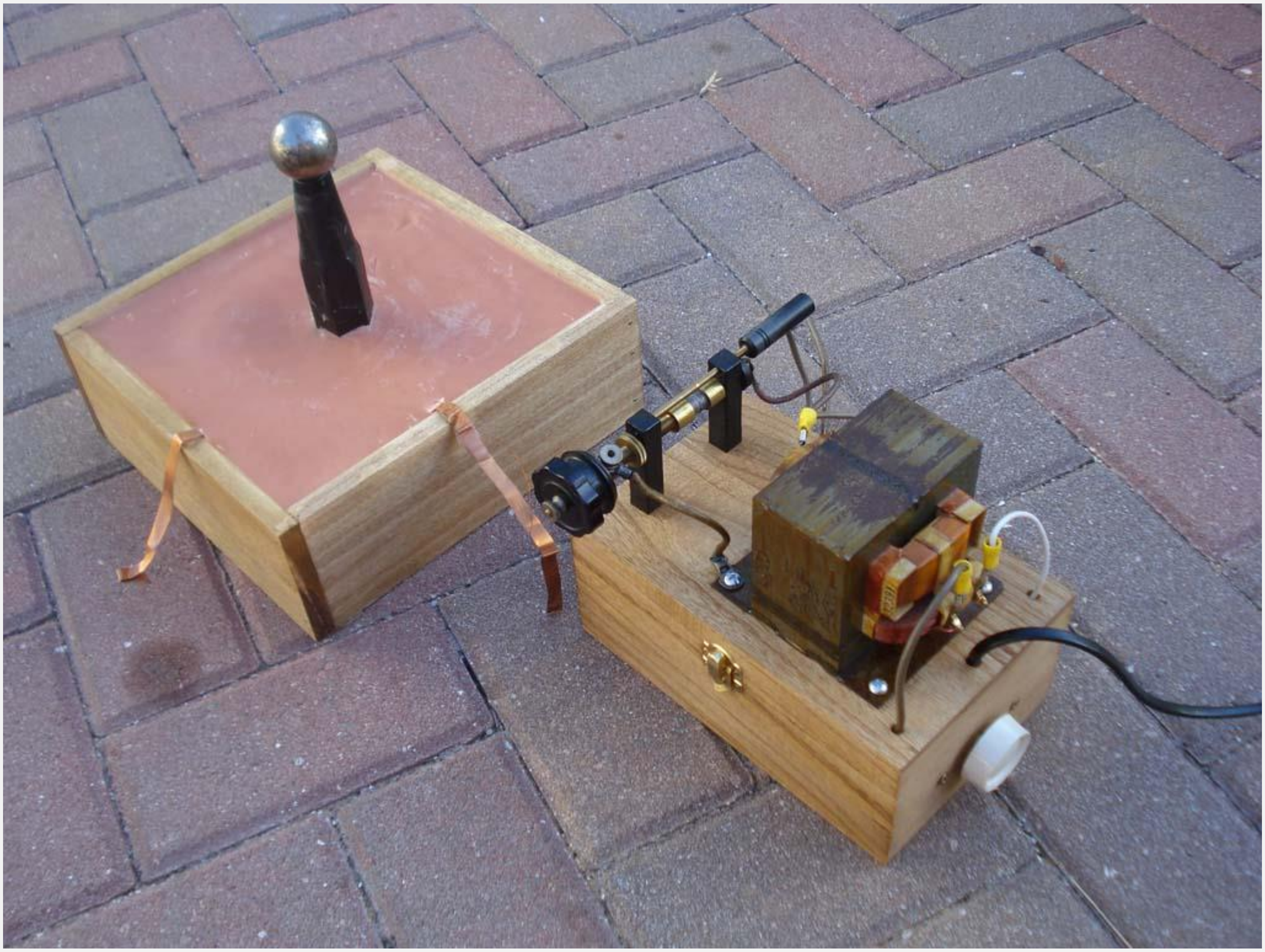

ROTARY SPARK GAP
PATTERN AND CASTING
MADE BY VERN H. COOK
USED IN AMATEUR RADIO
STATION
36 LABELLE ST.,
GRAND RAPIDS, MICH.
TO 1917
PRI 120V 60Hz
SEC 5000V 5-10mA

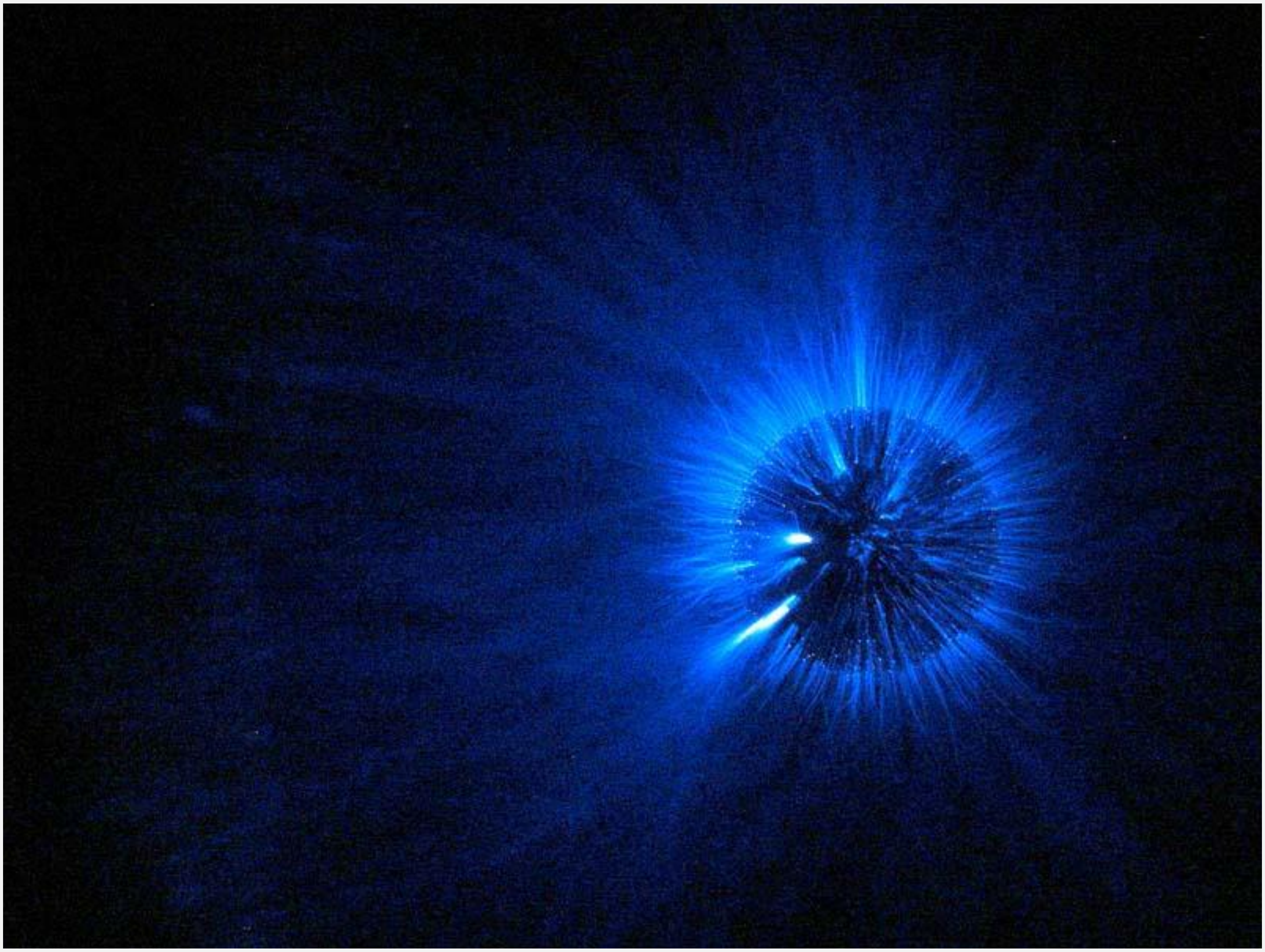


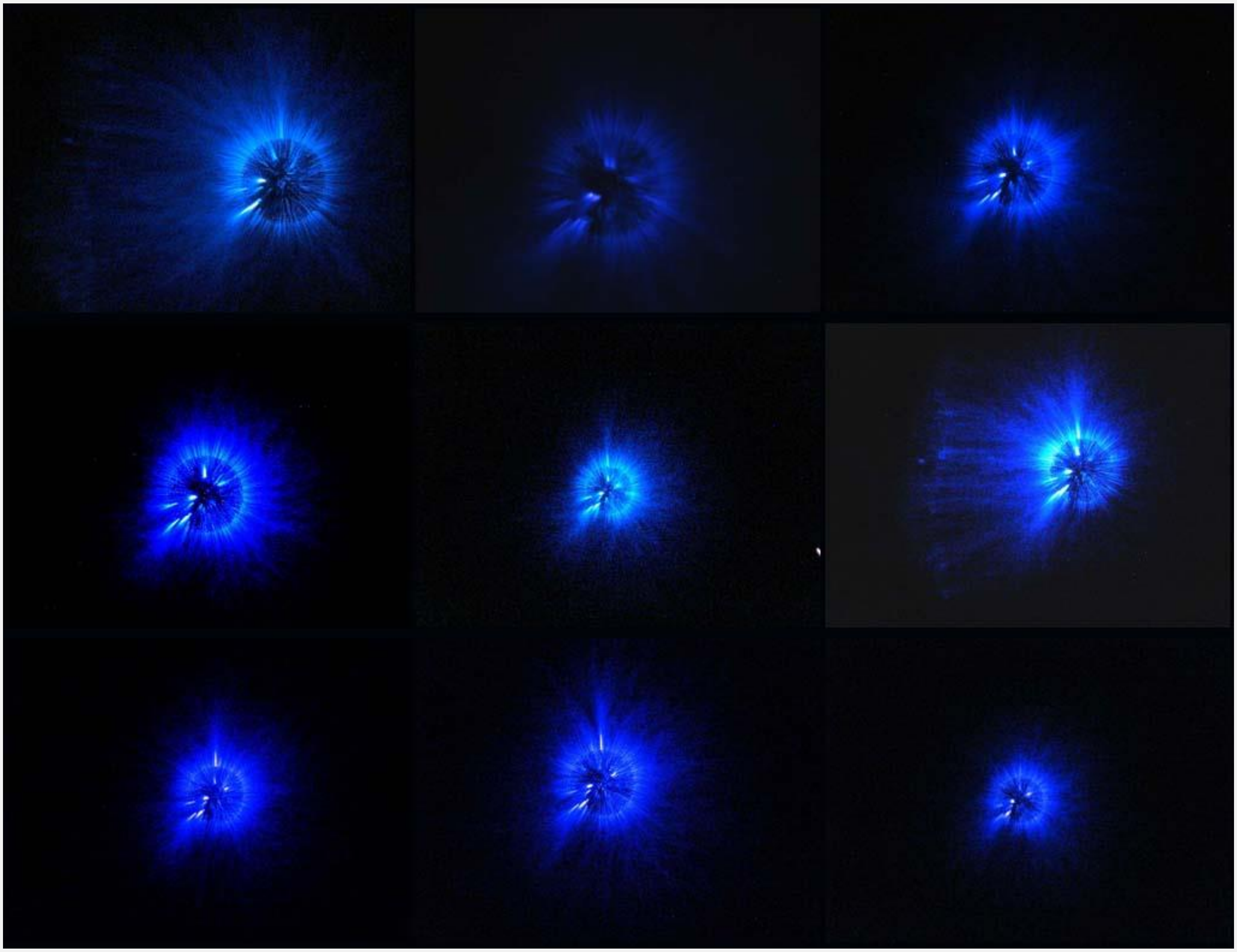
SWETT & LEWIS COMPANY
The Kinraide Coil
79 FRANKLIN ST. BOSTON
SWETT & LEWIS COMPANY
THE KINRAIDE COIL
BOSTON

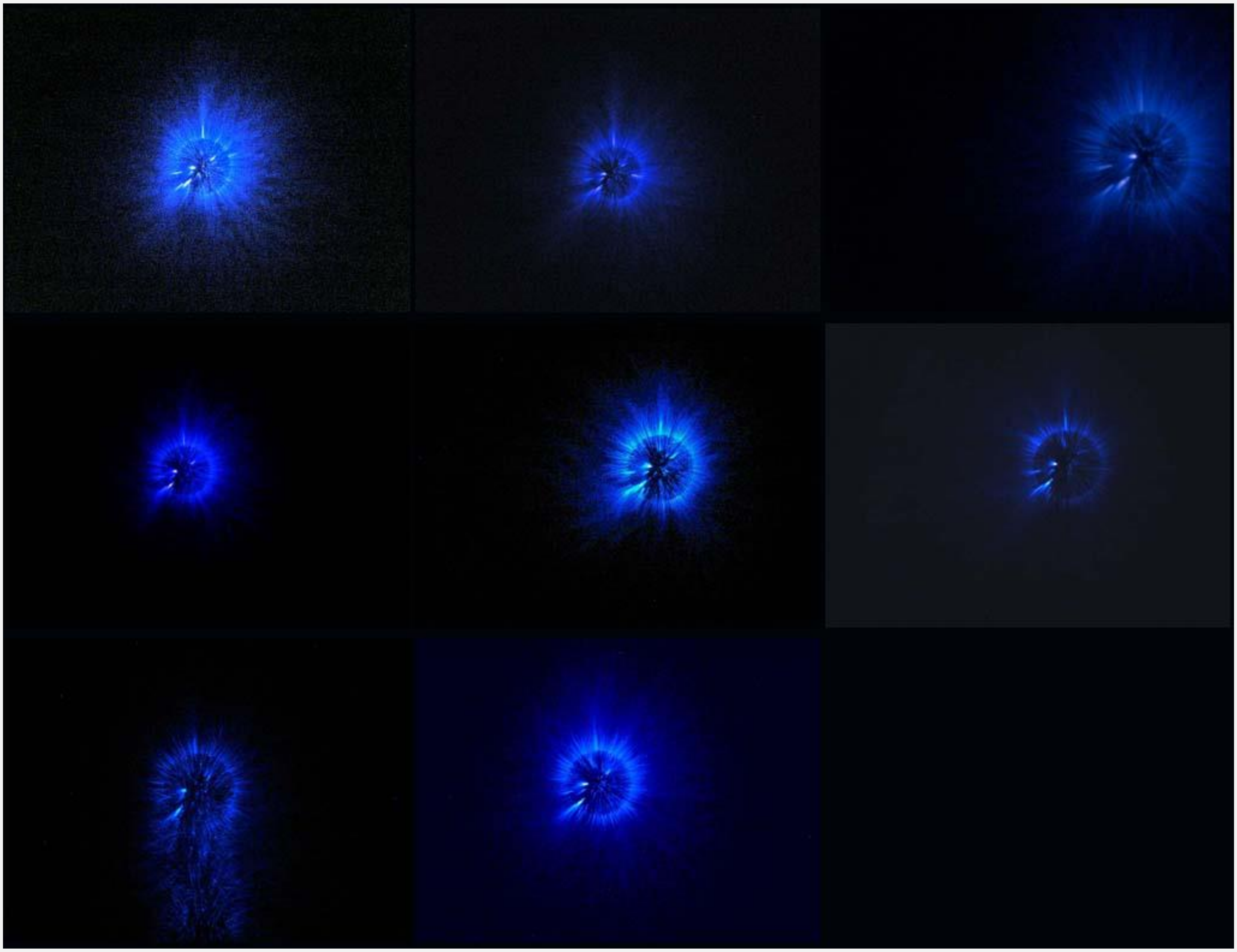


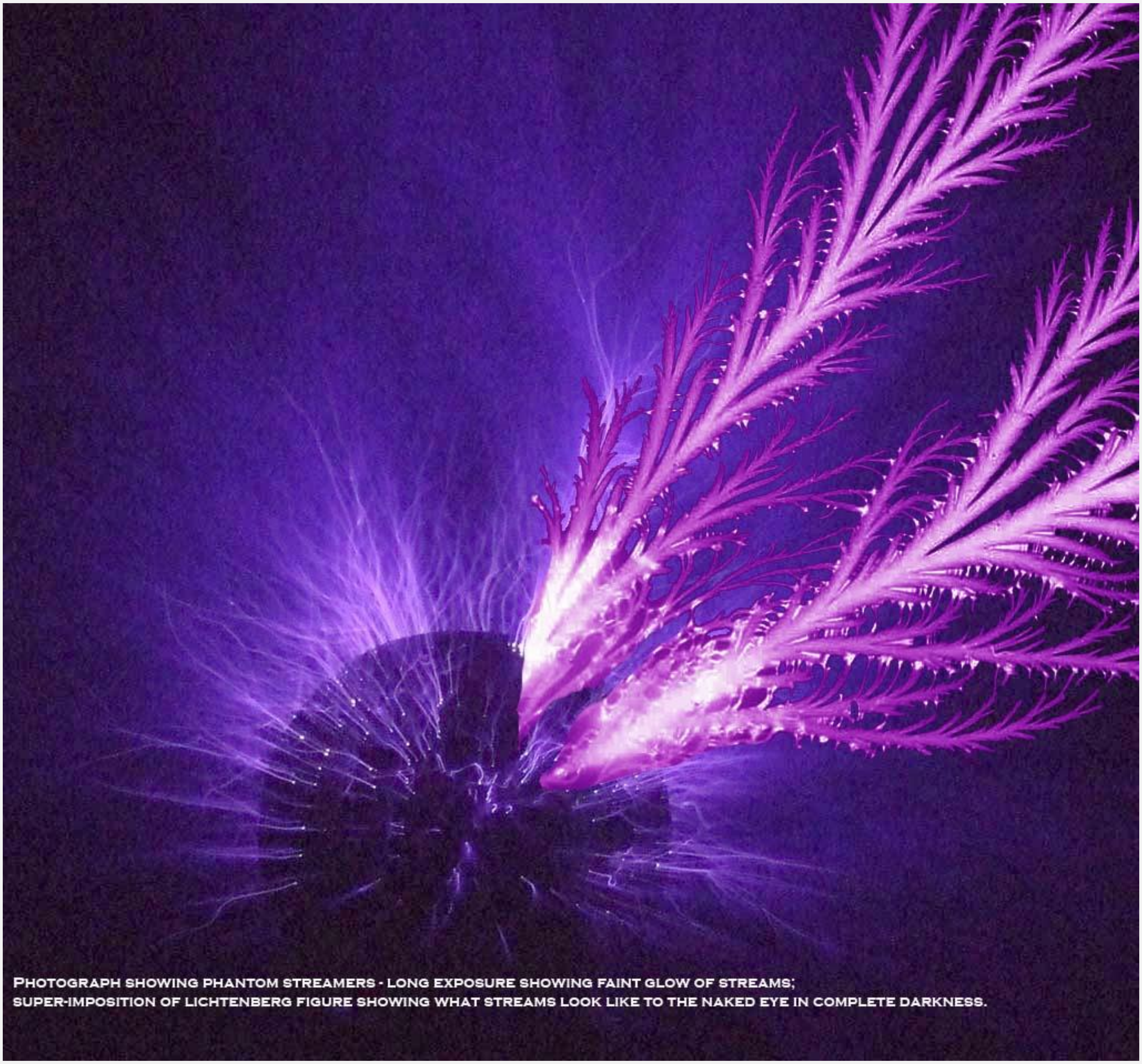




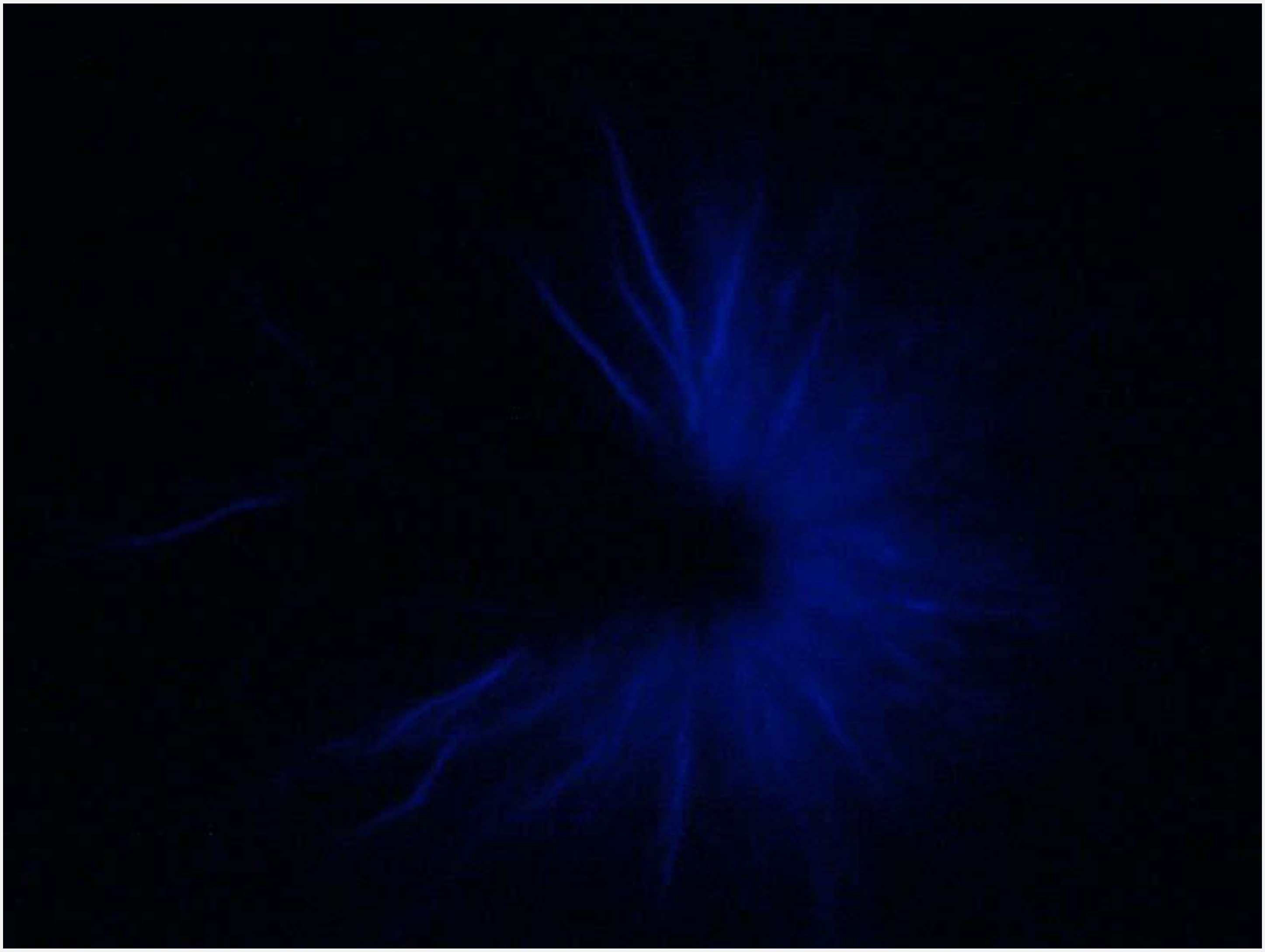


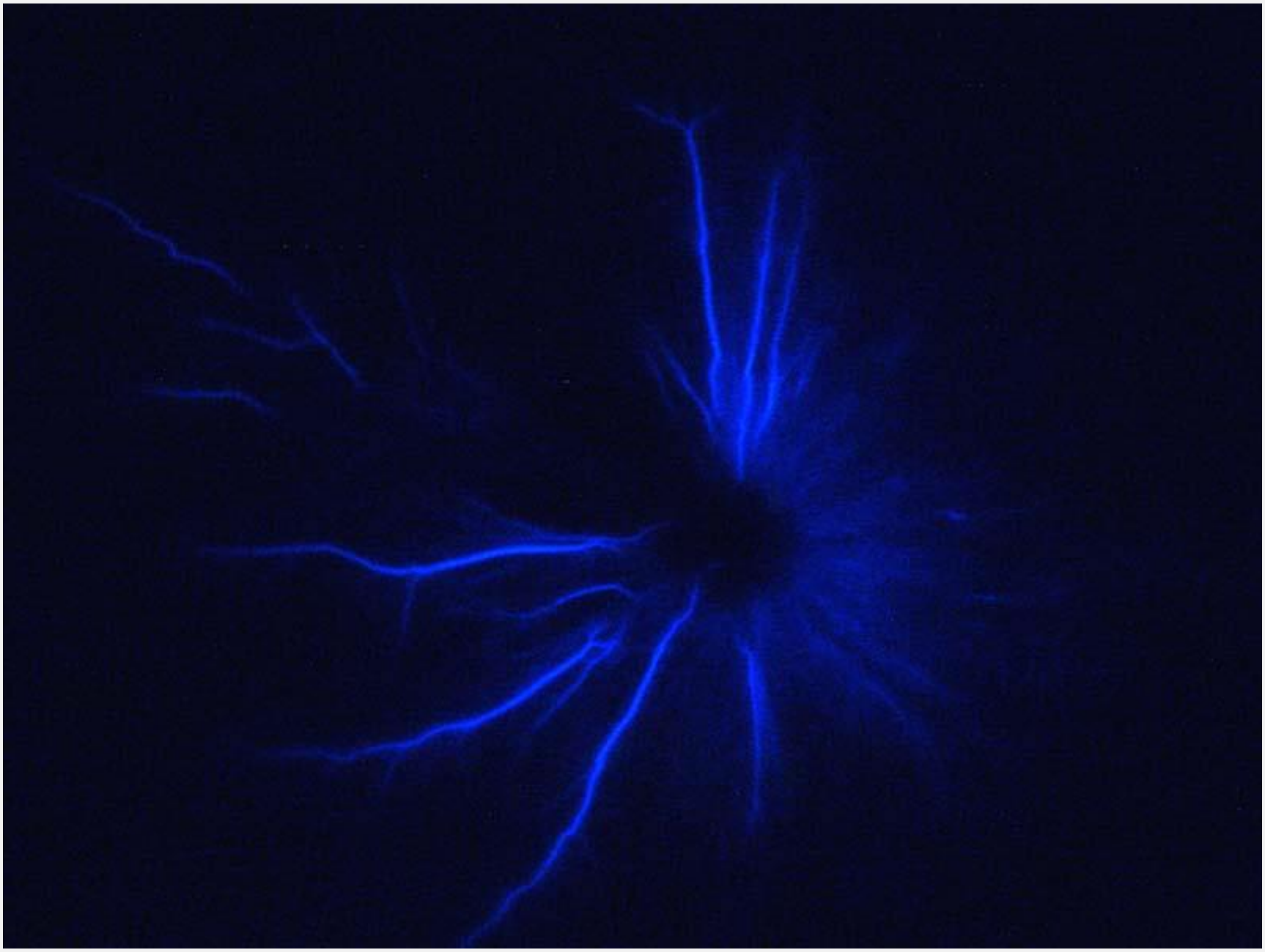


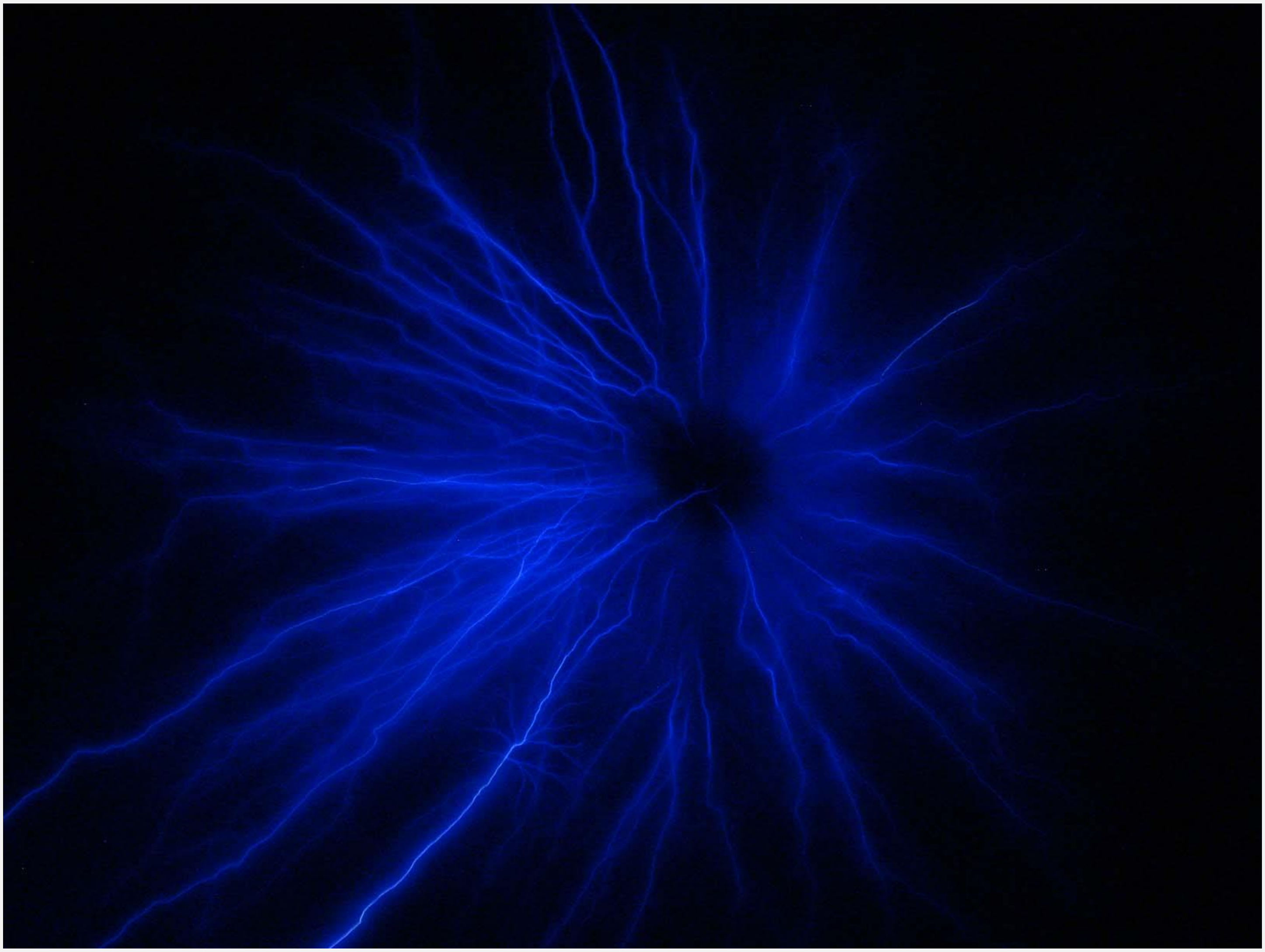


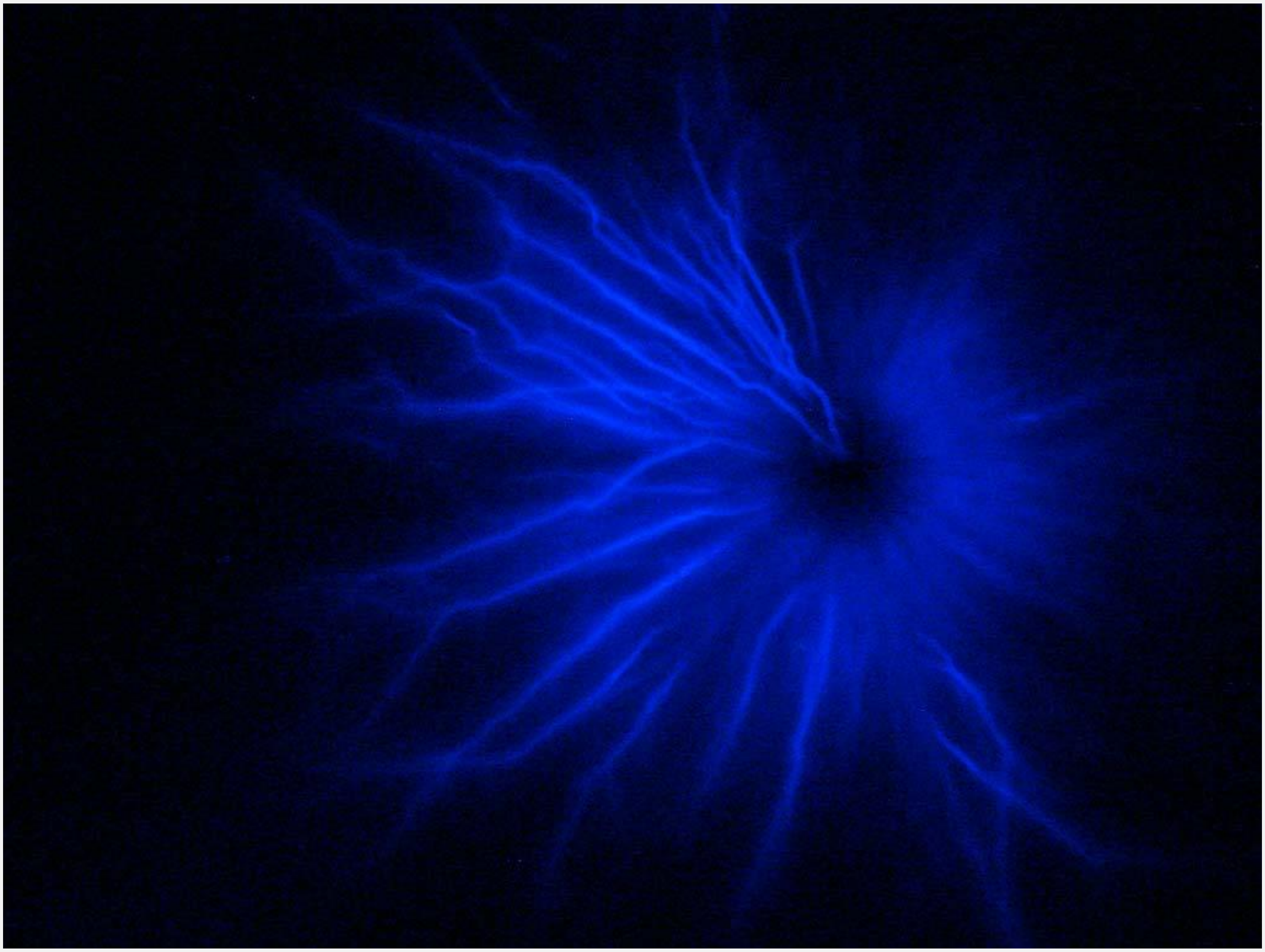


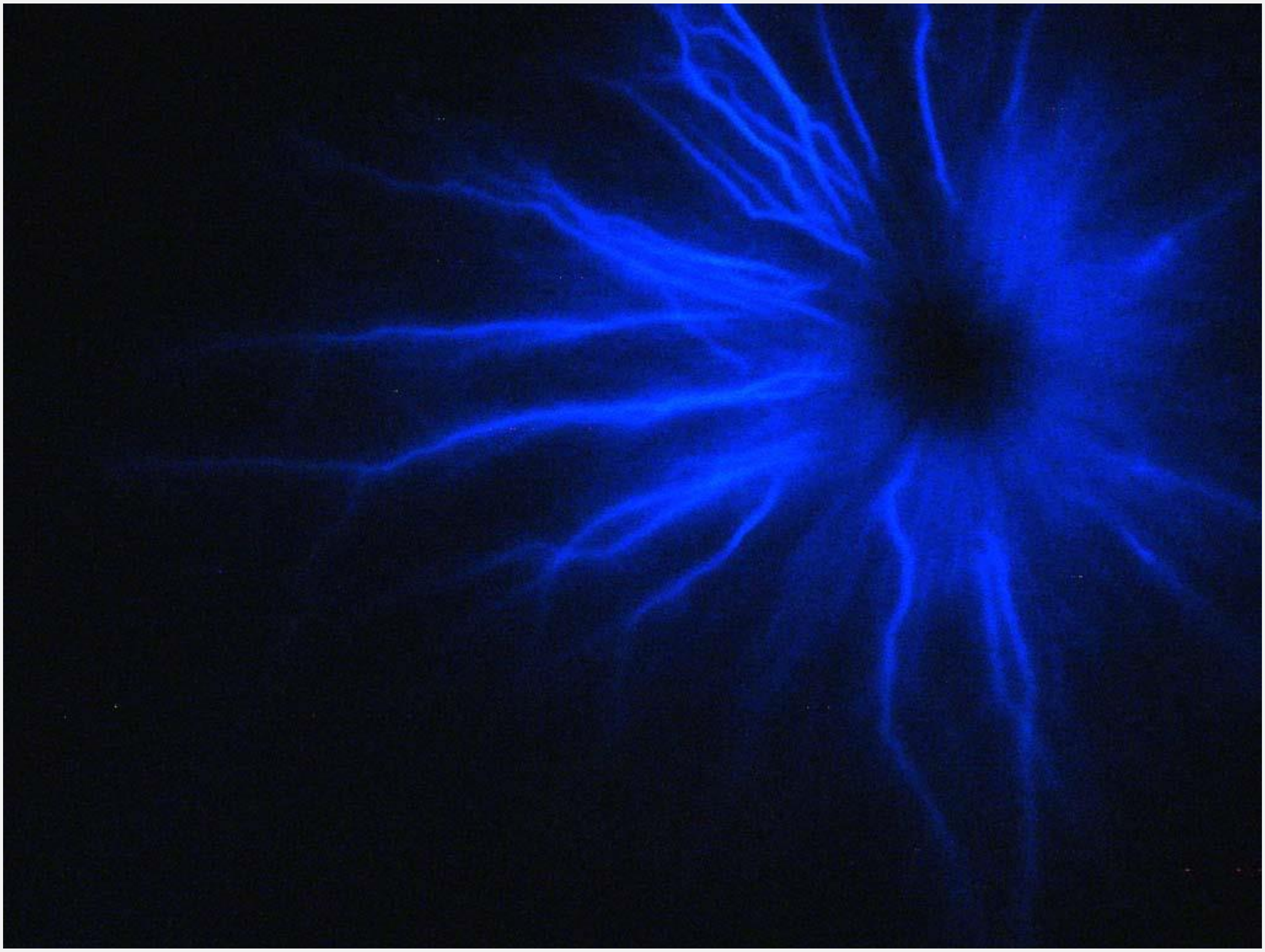
PHOTOGRAPH SHOWING PHANTOM STREAMERS - LONG EXPOSURE SHOWING FAINT GLOW OF STREAMS;
SUPER-IMPOSITION OF LICHTENBERG FIGURE SHOWING WHAT STREAMS LOOK LIKE TO THE NAKED EYE IN COMPLETE DARKNESS.

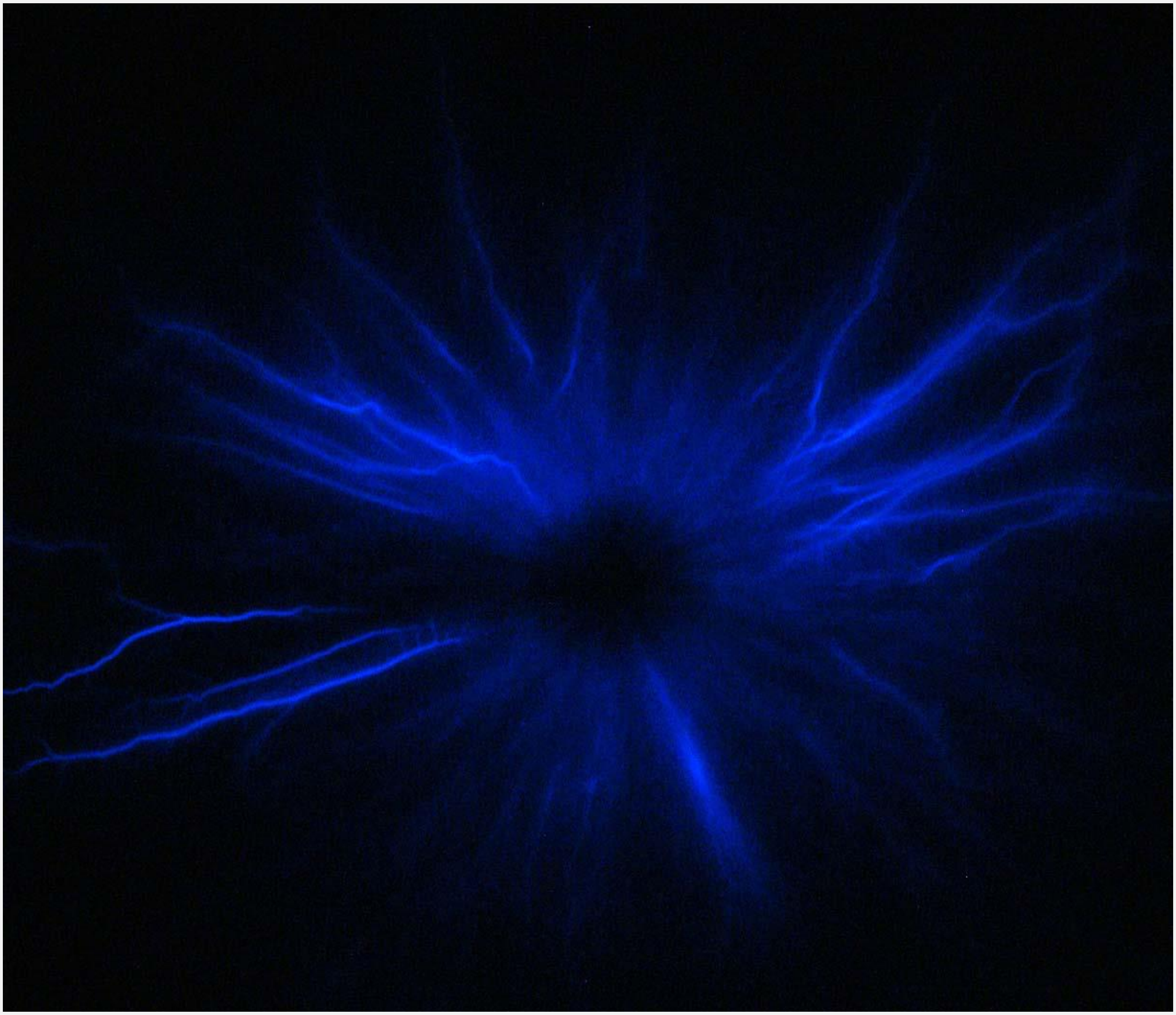


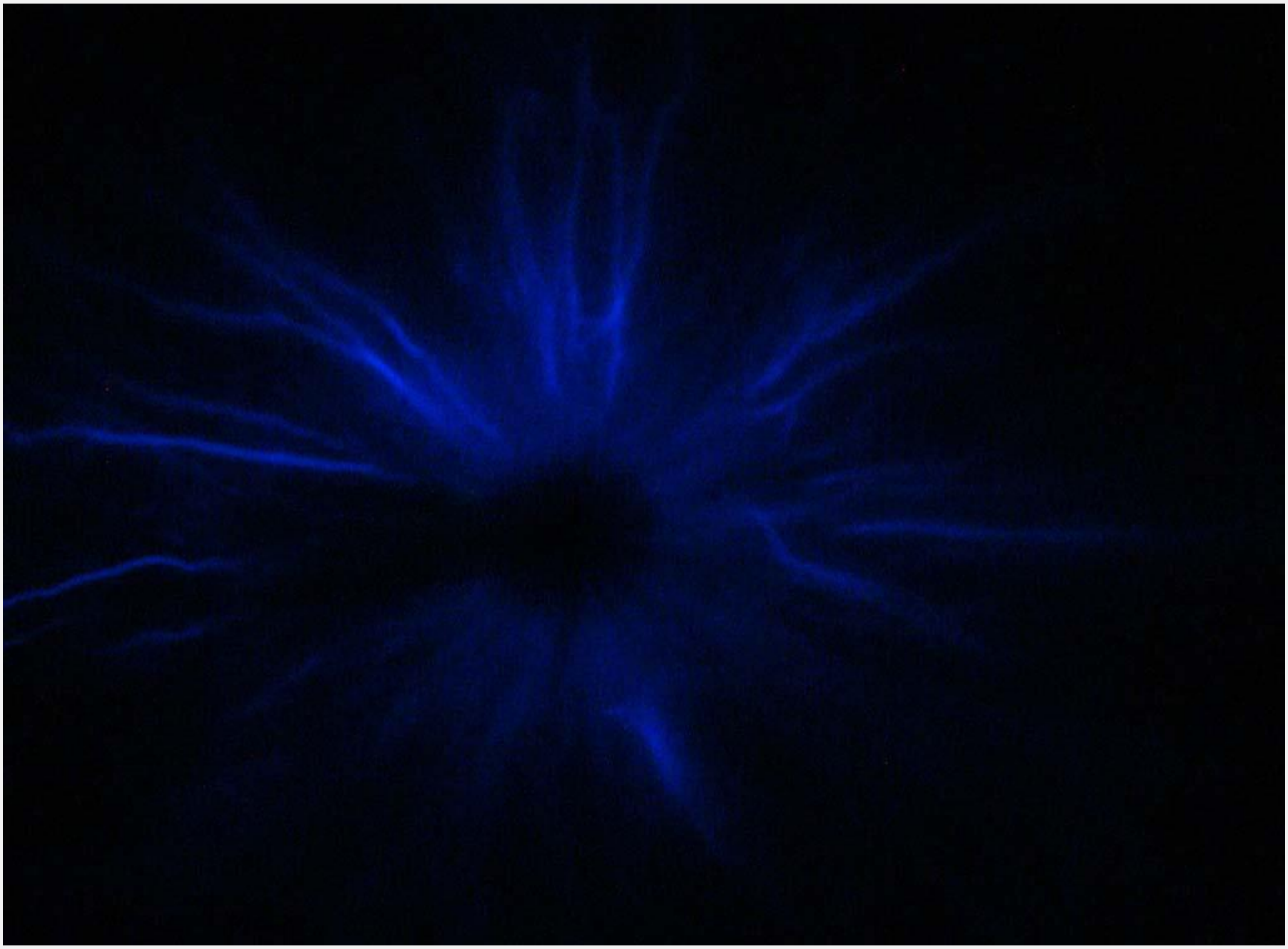


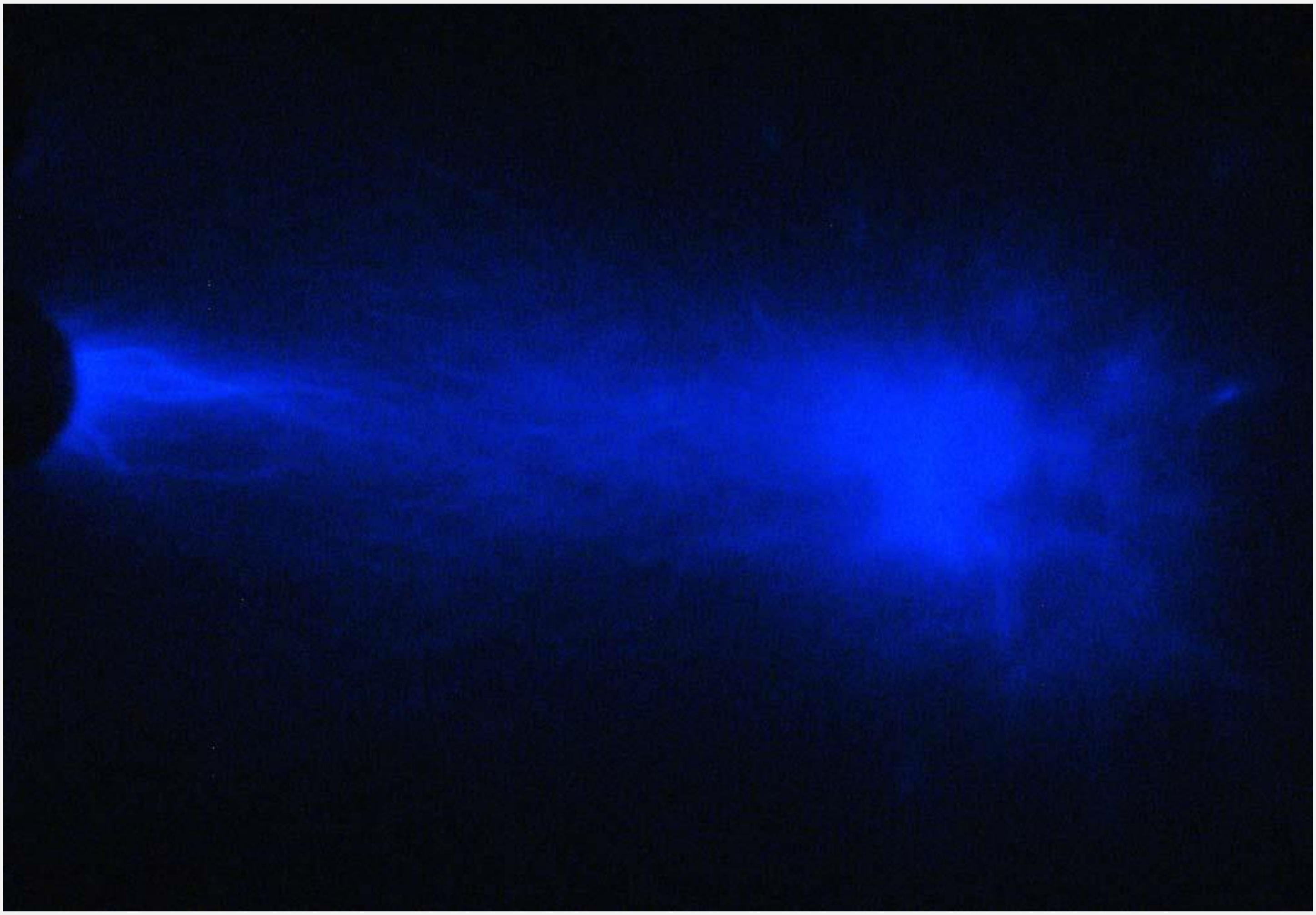


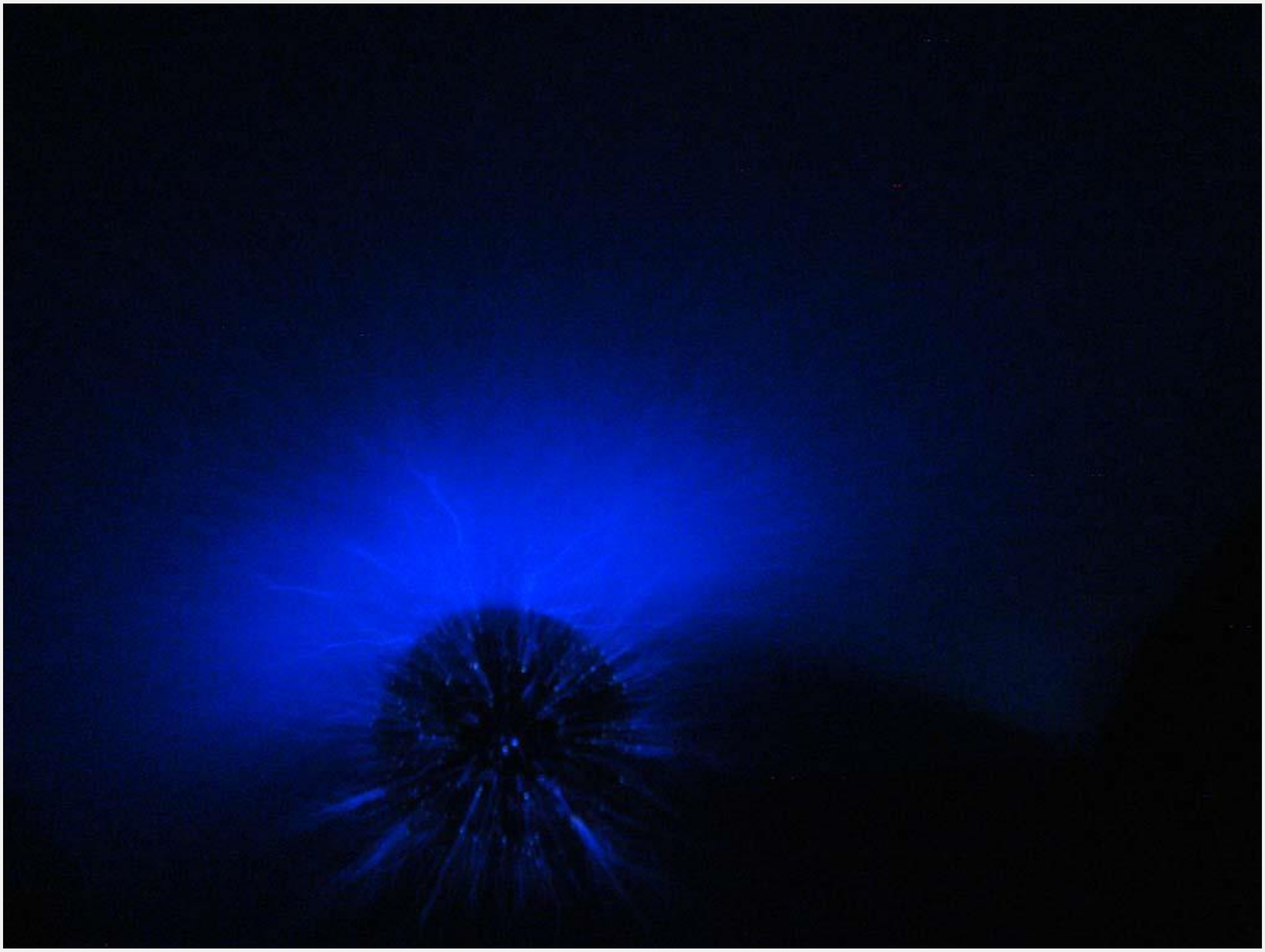


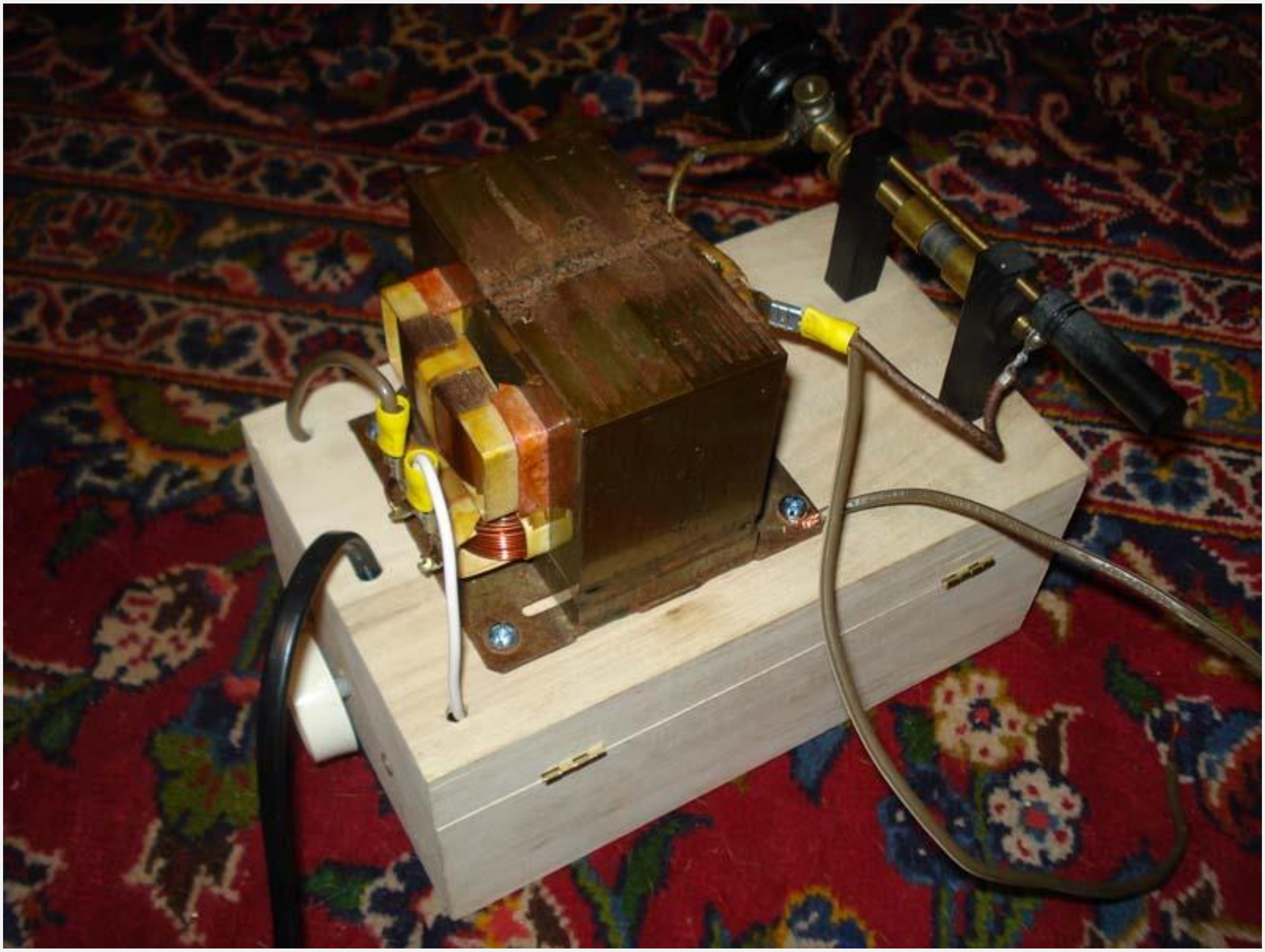












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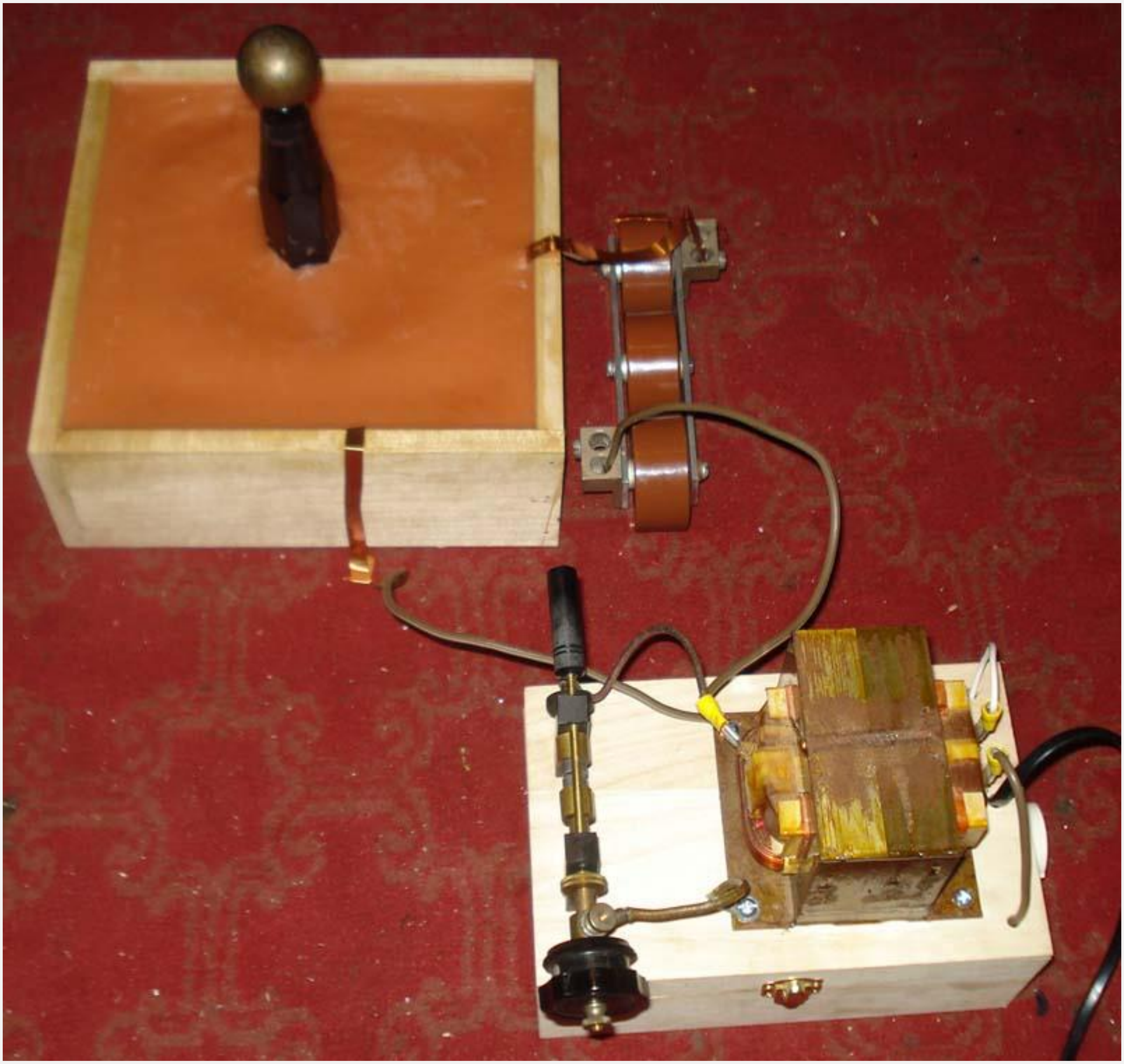

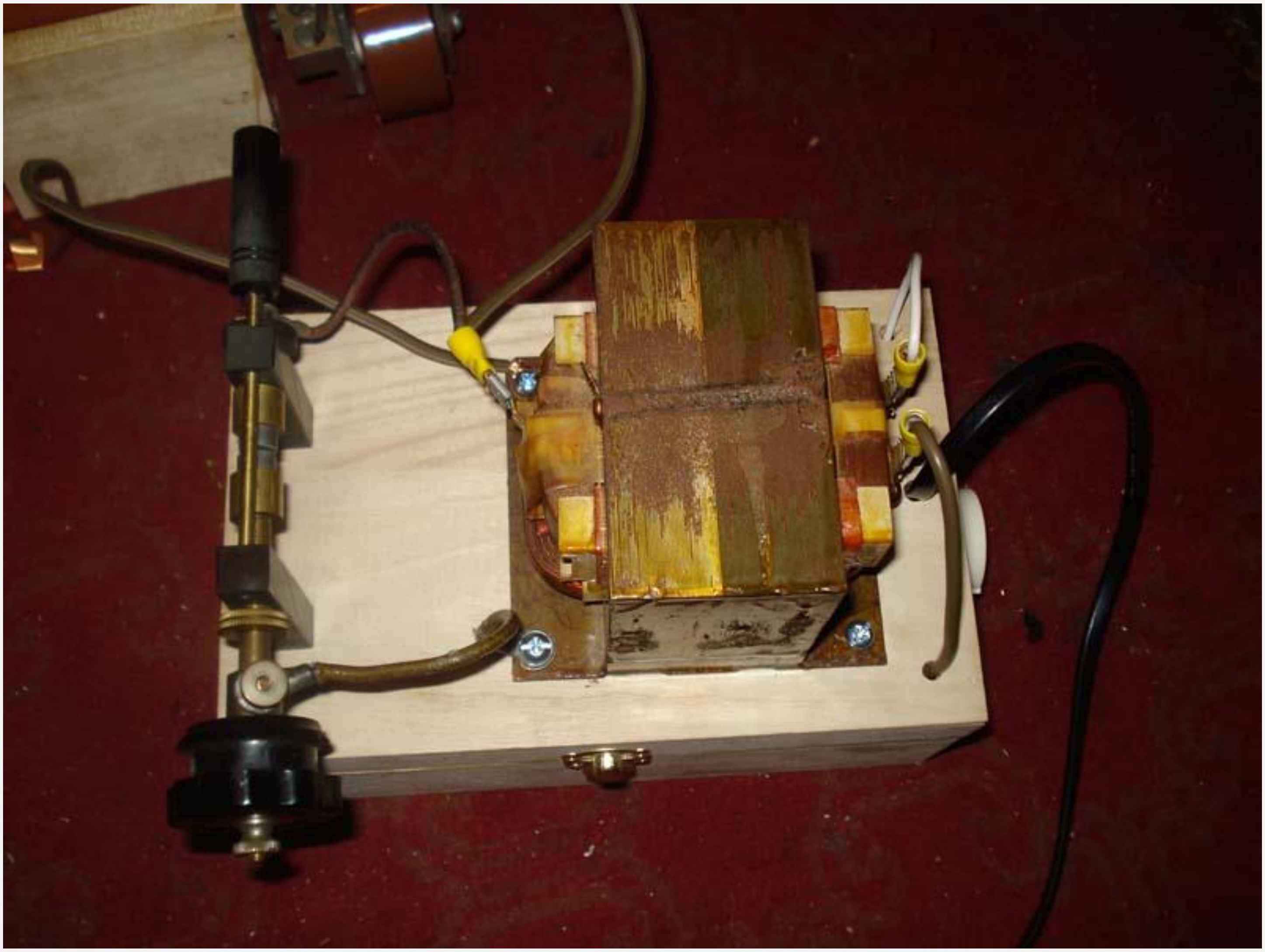

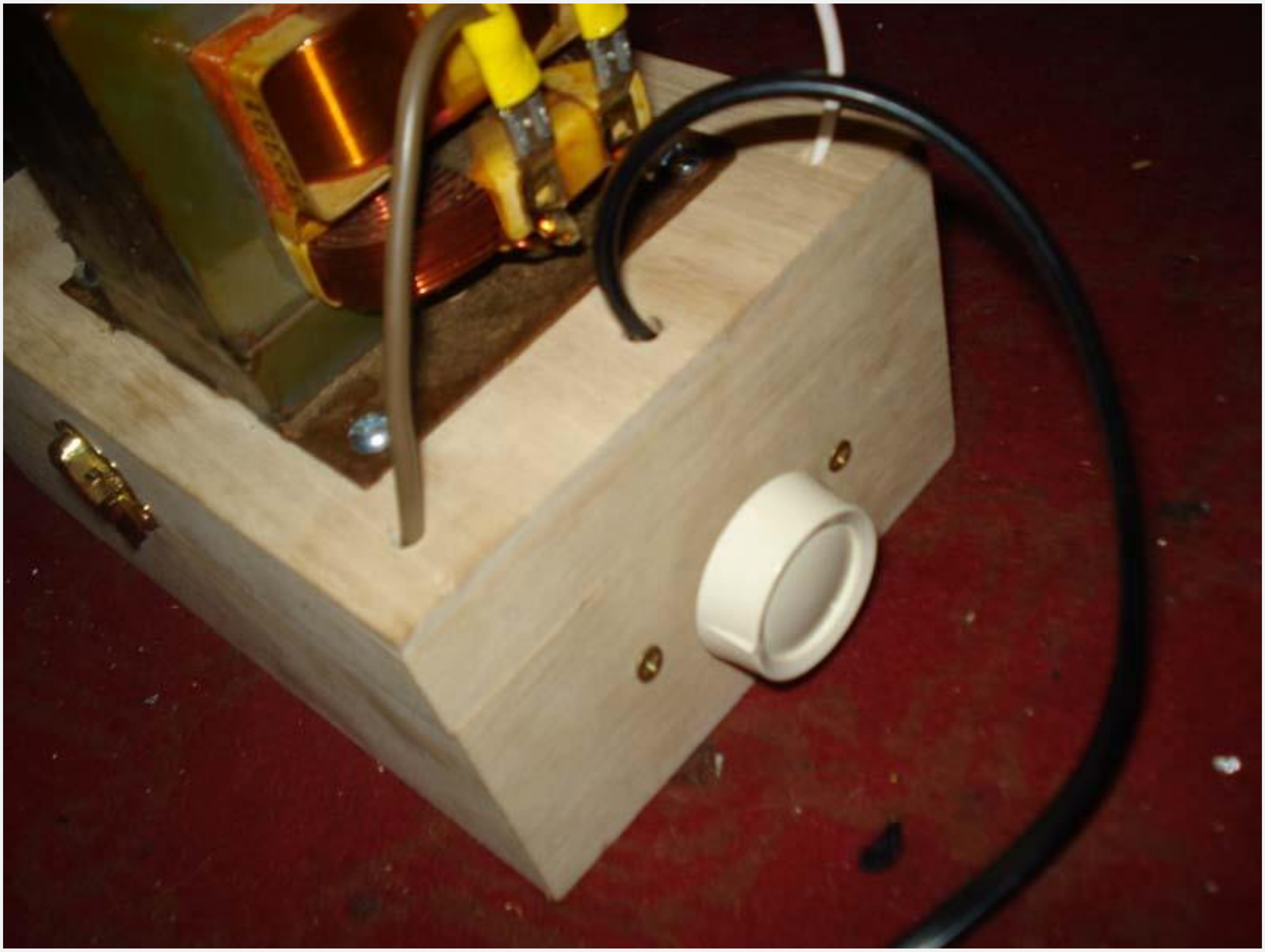

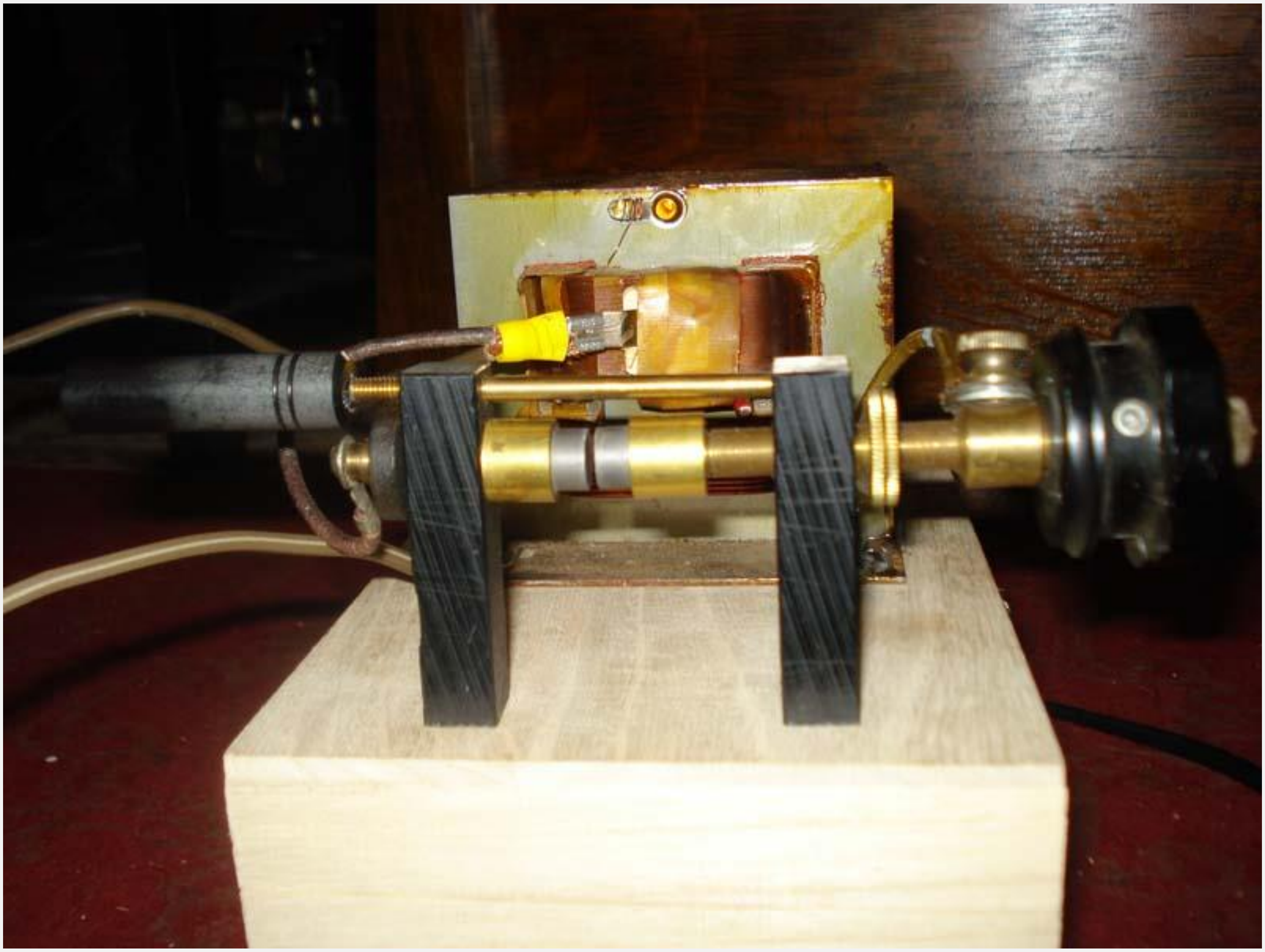

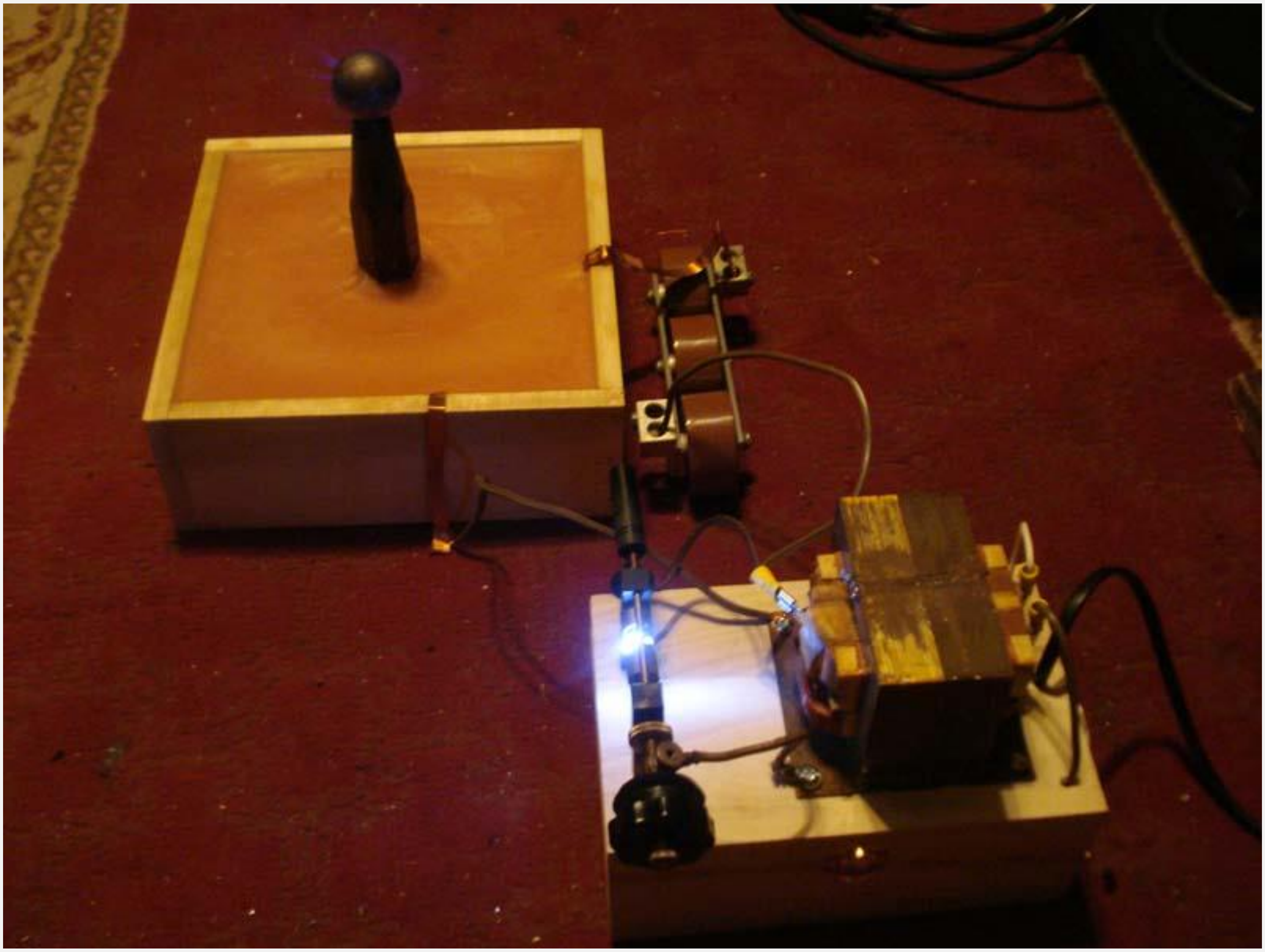

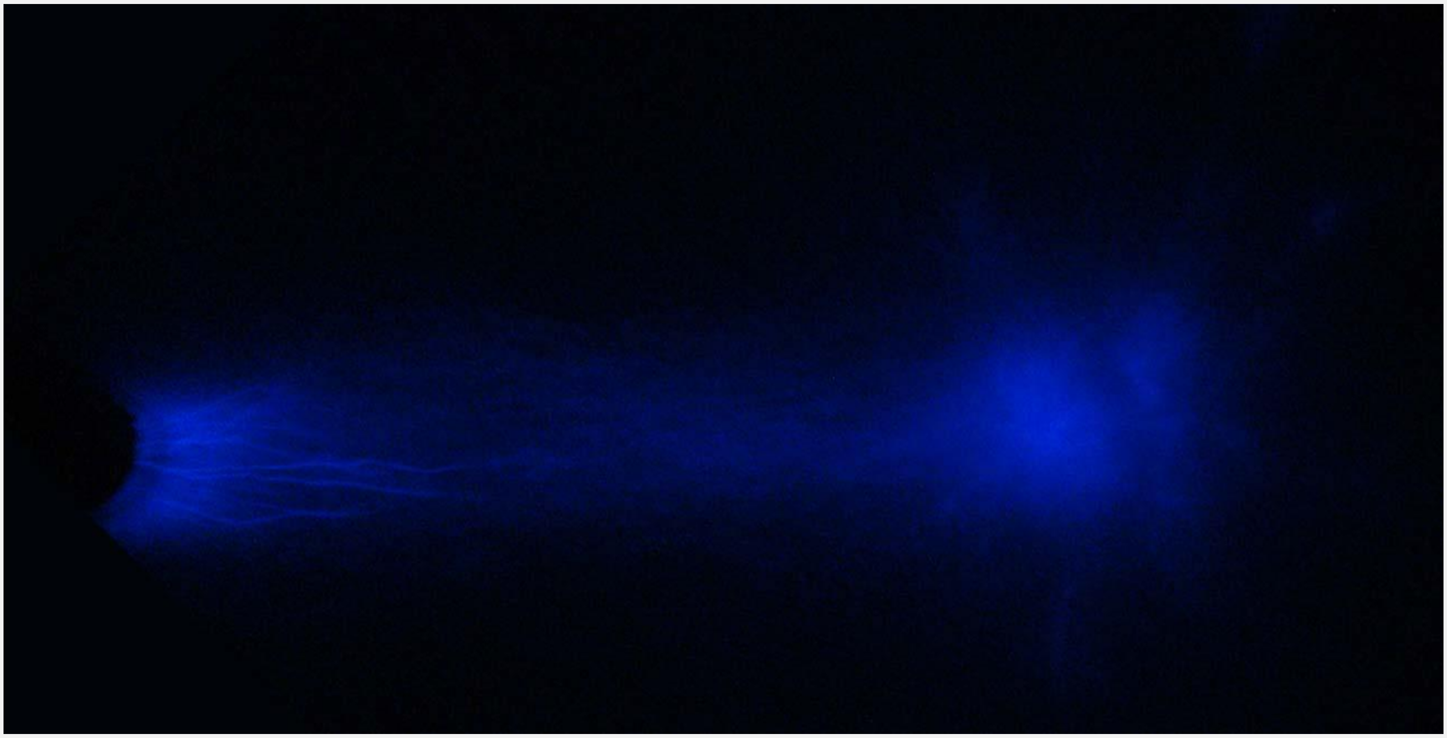

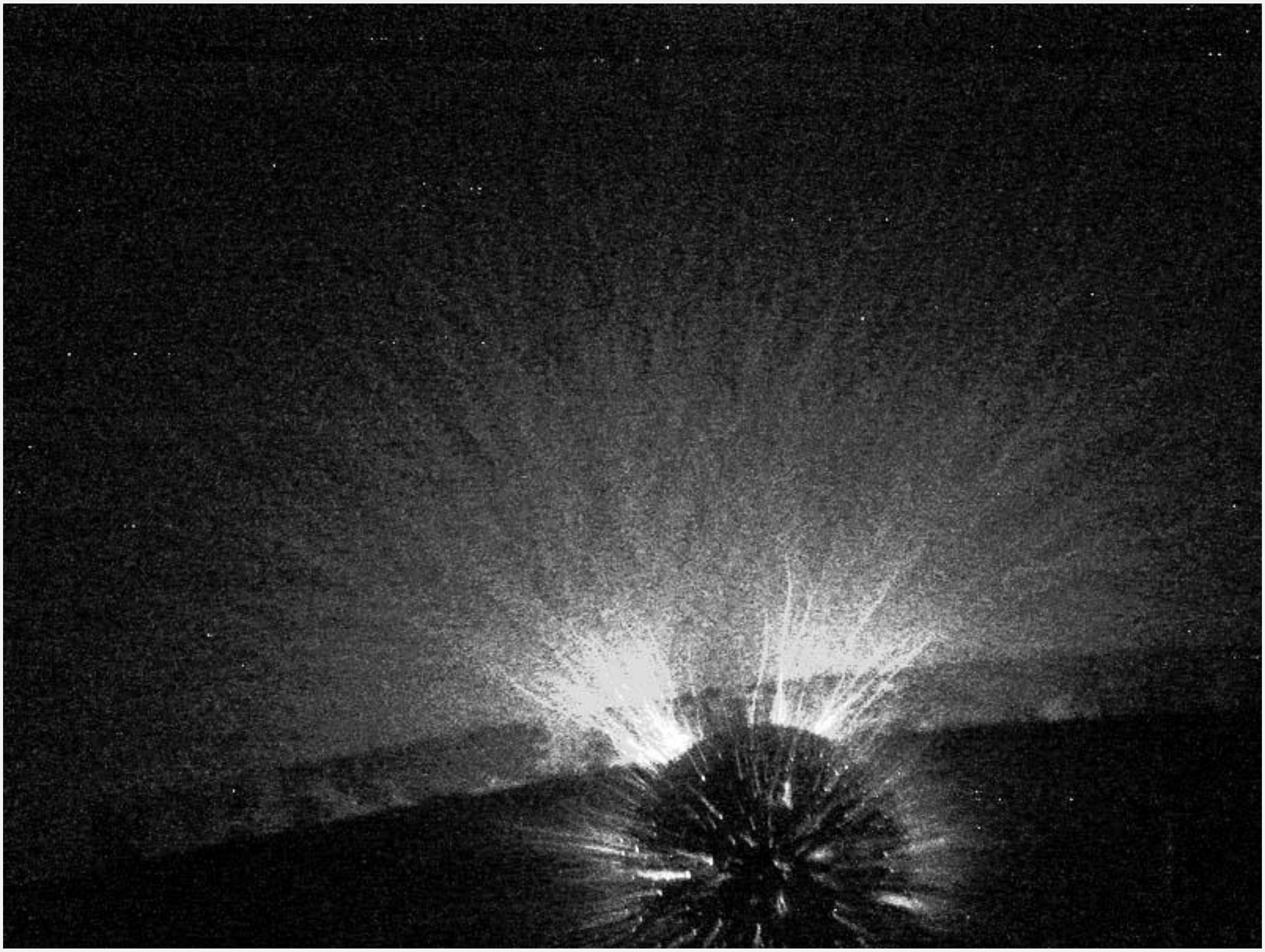

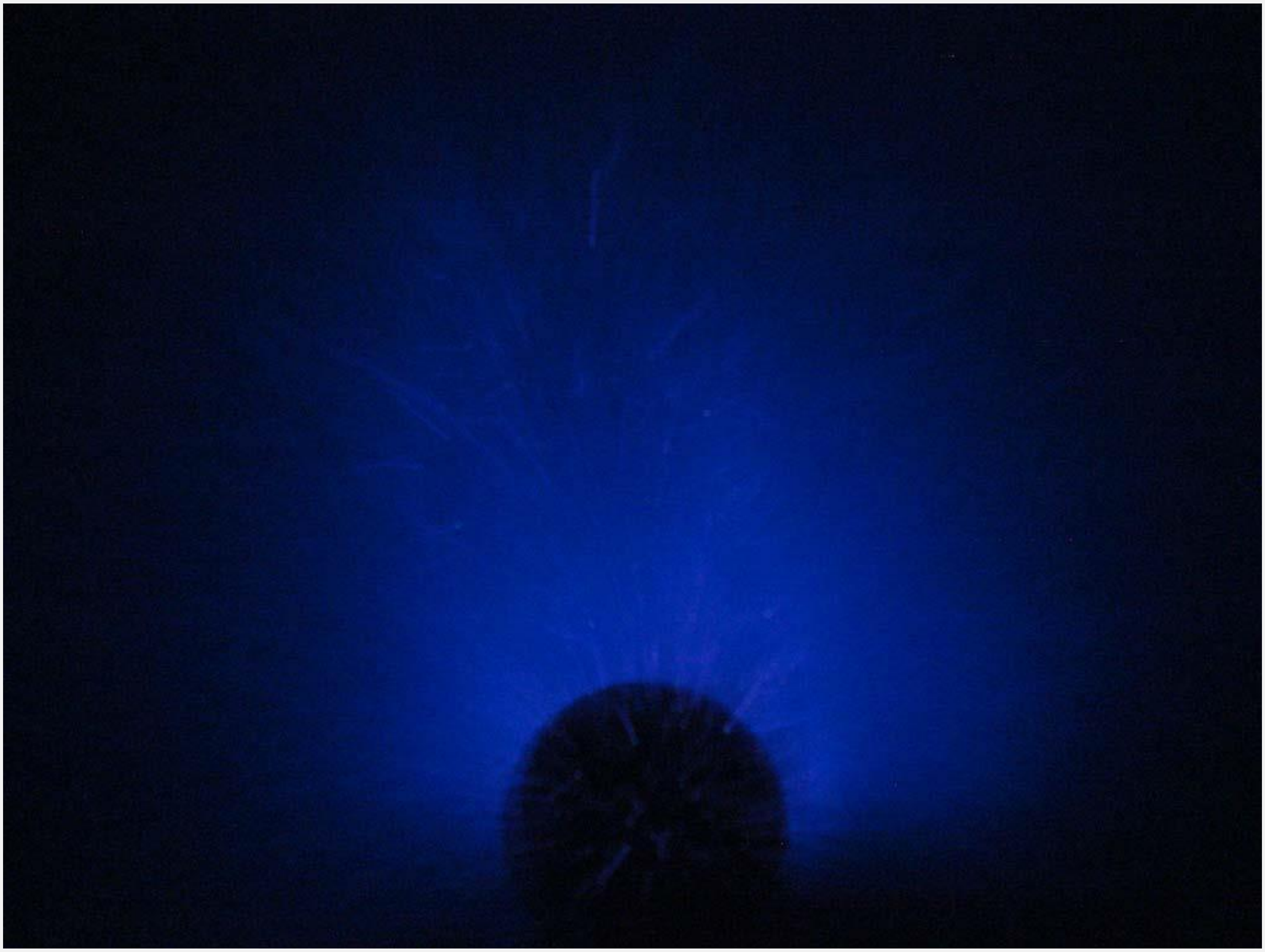

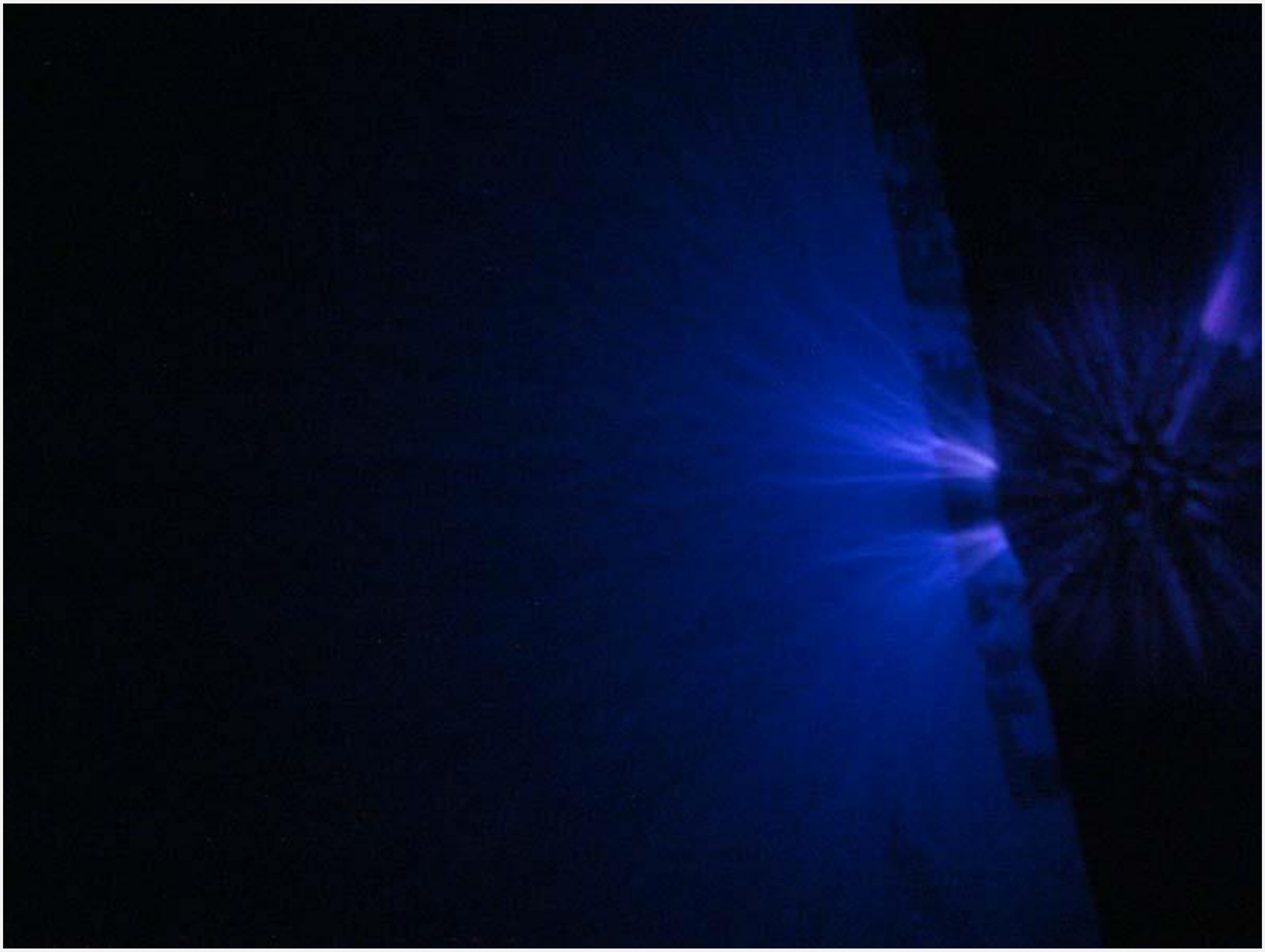

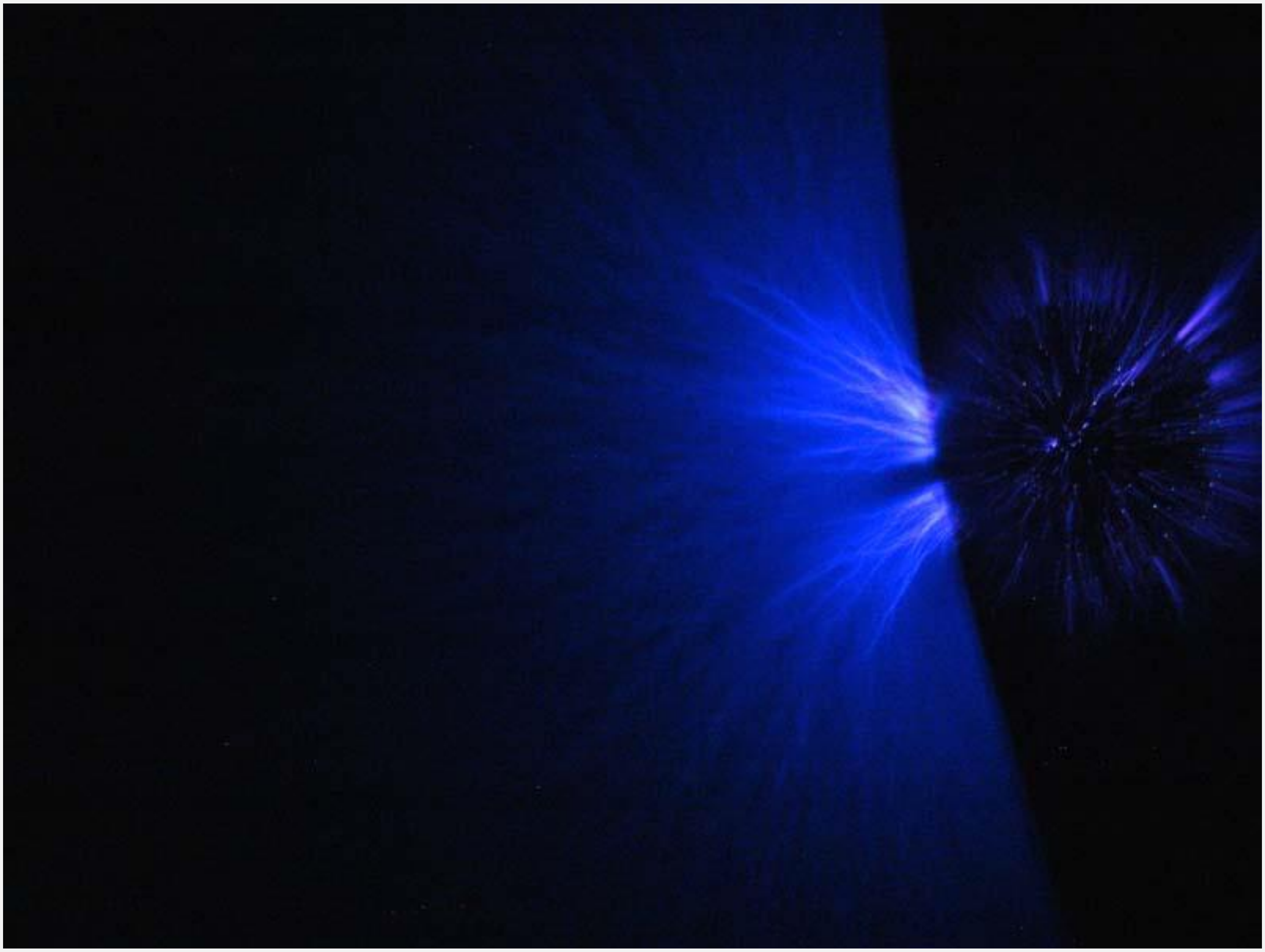

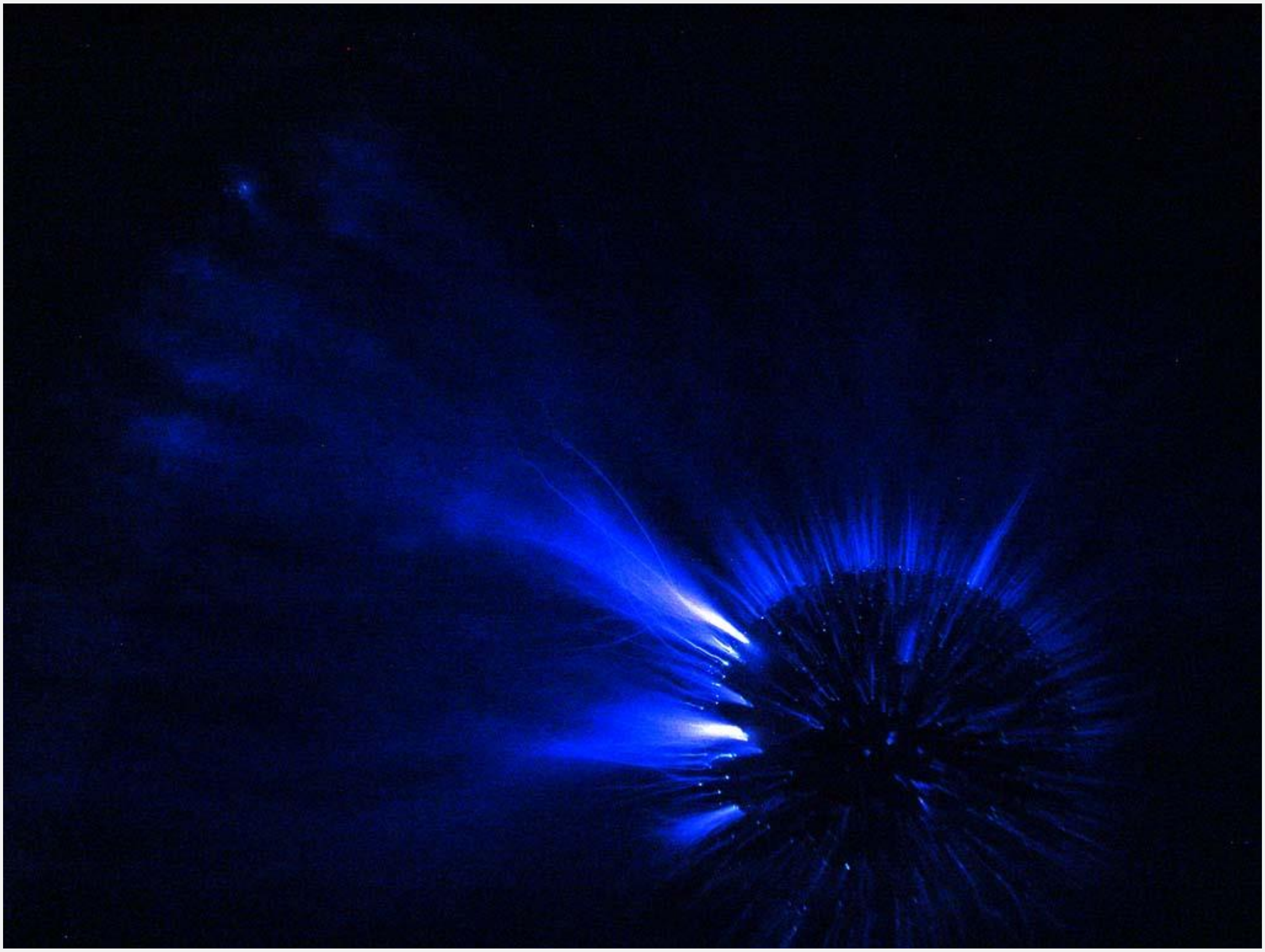

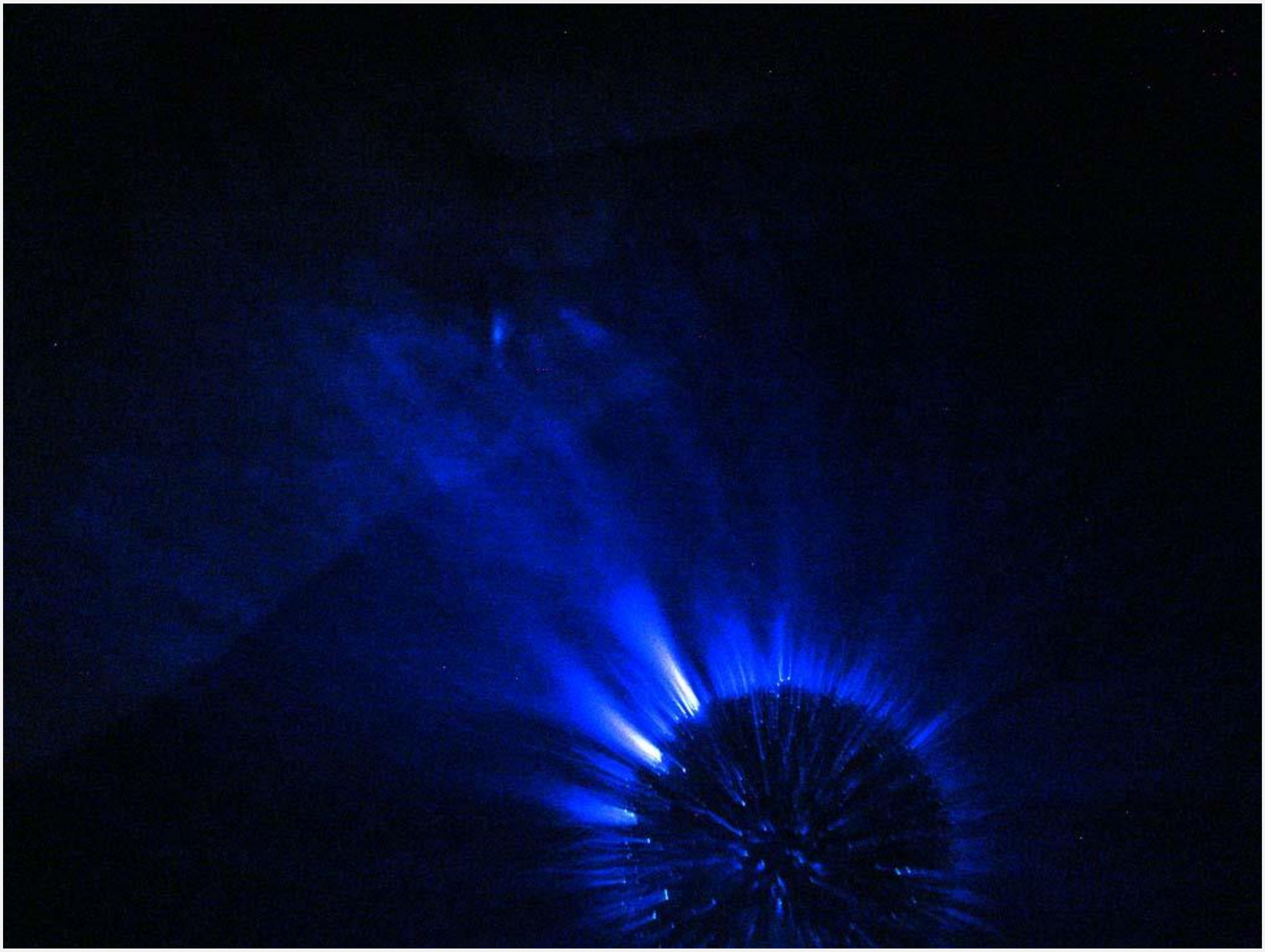

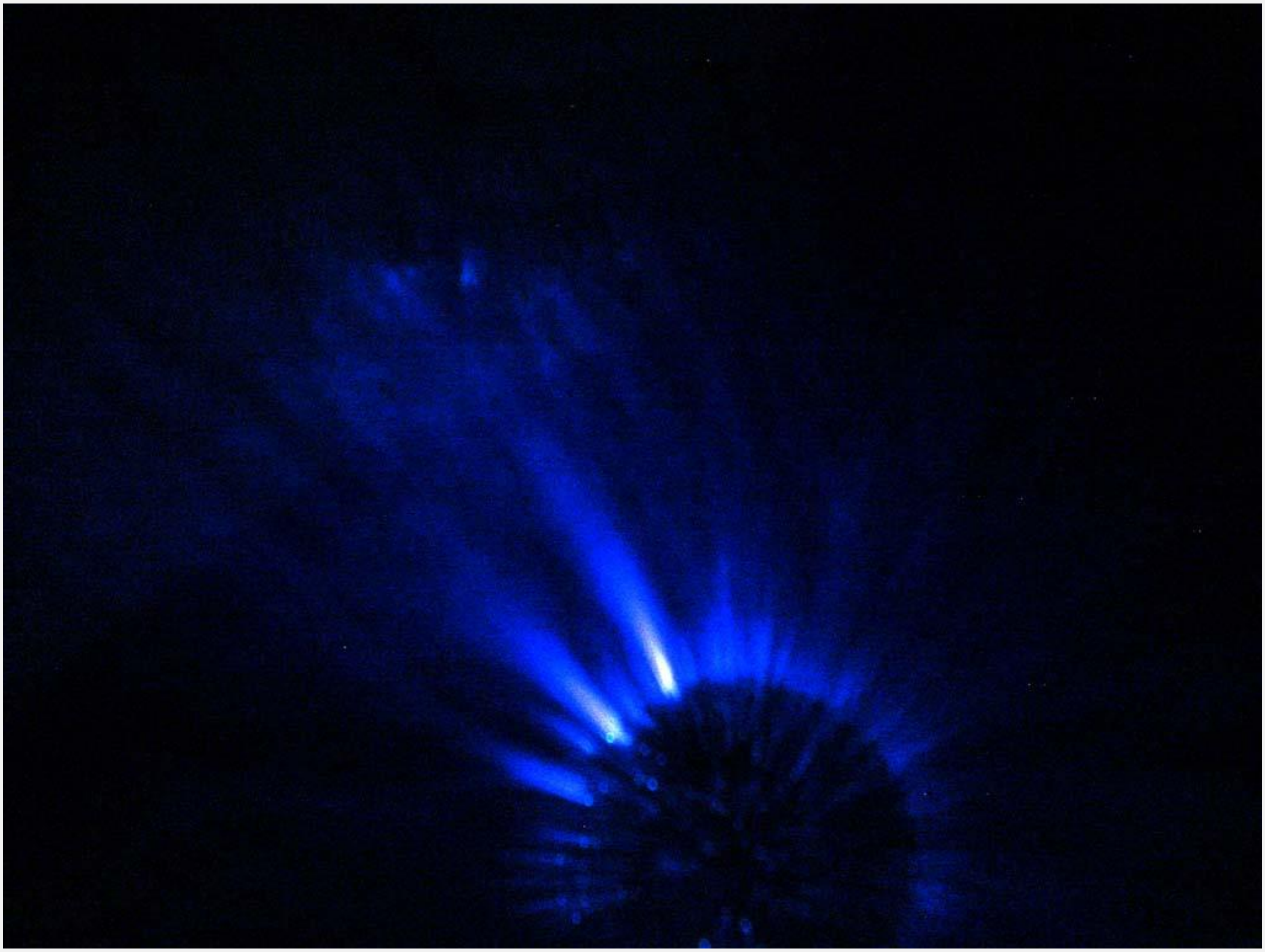

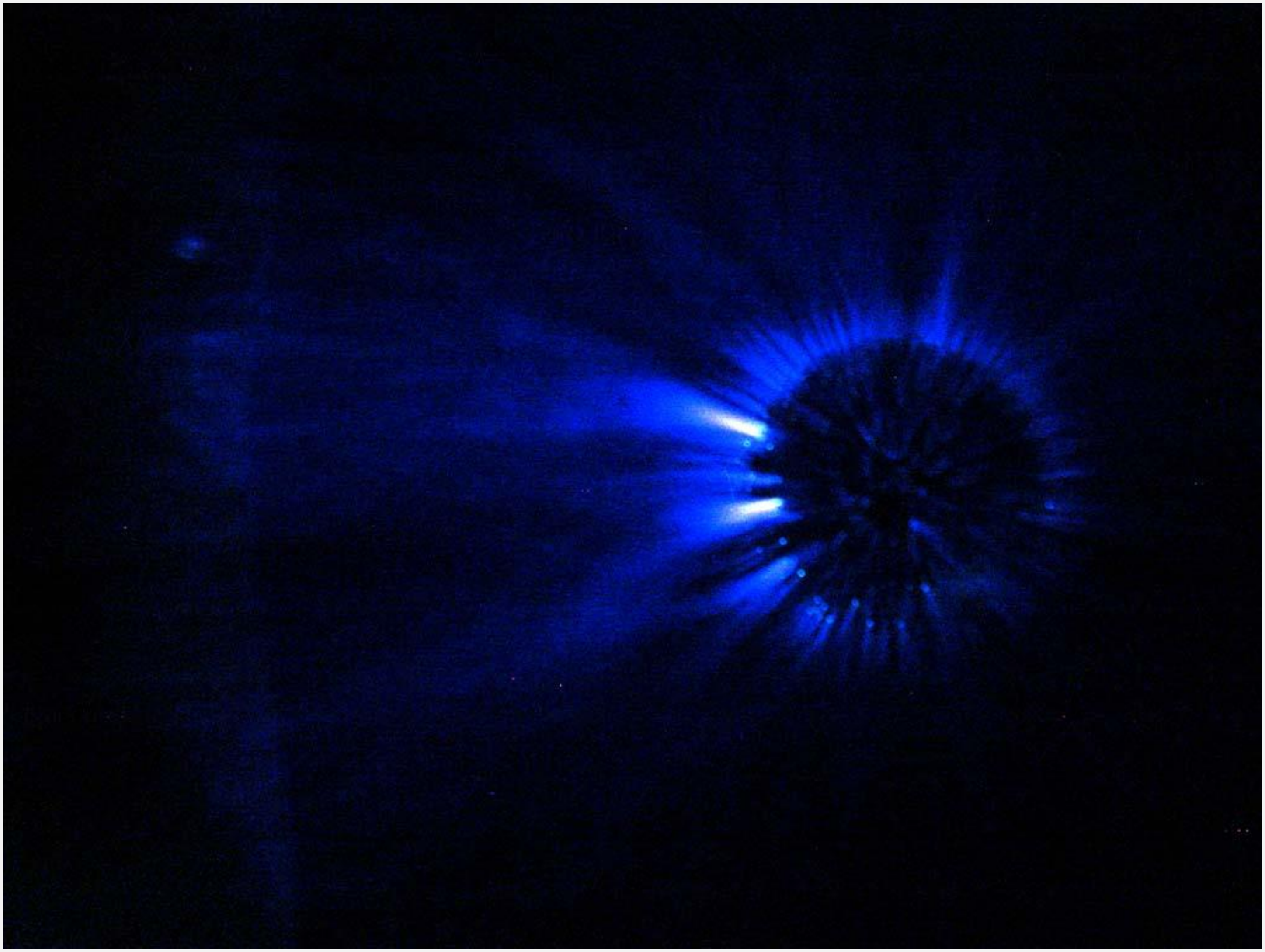

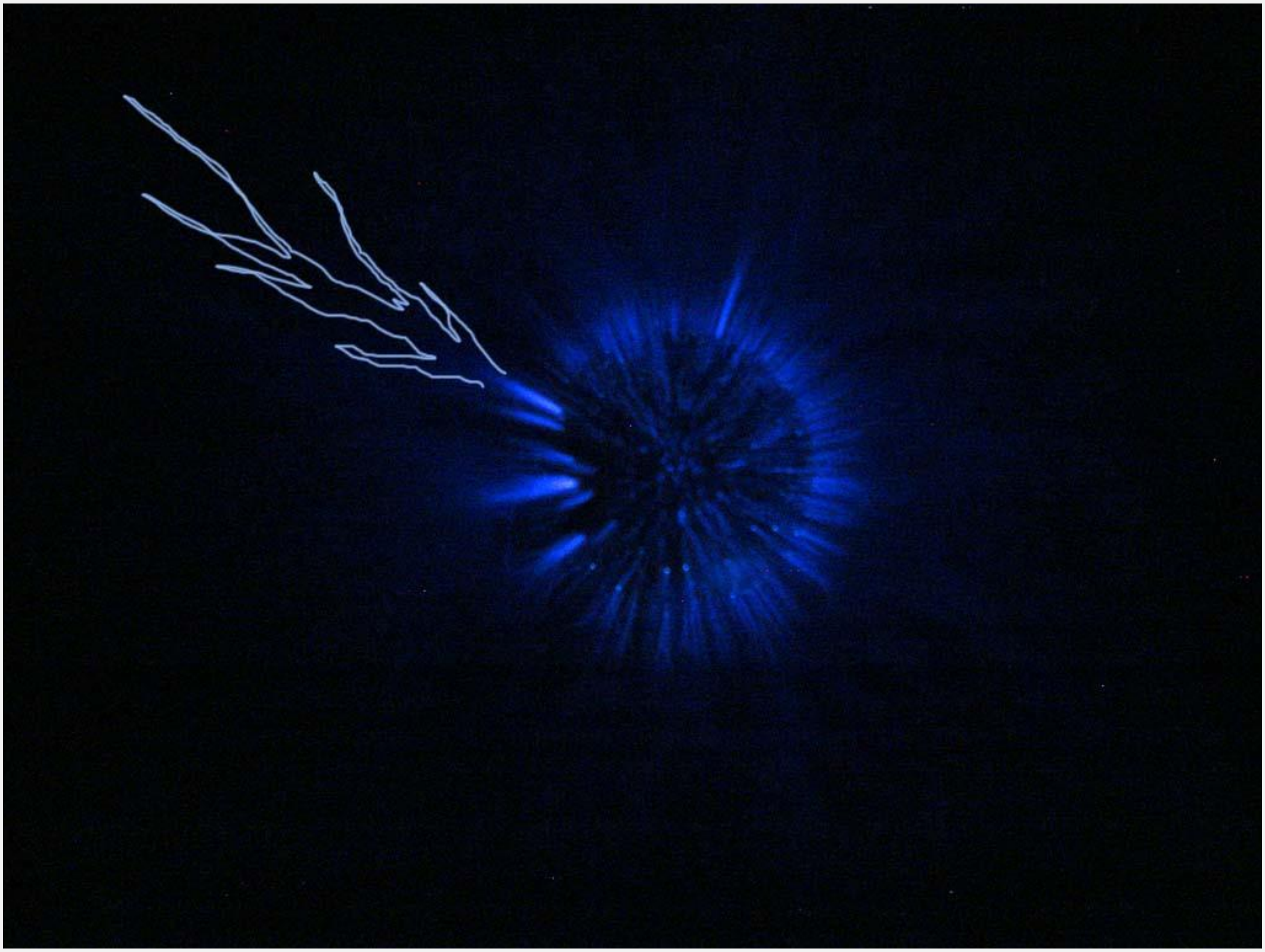

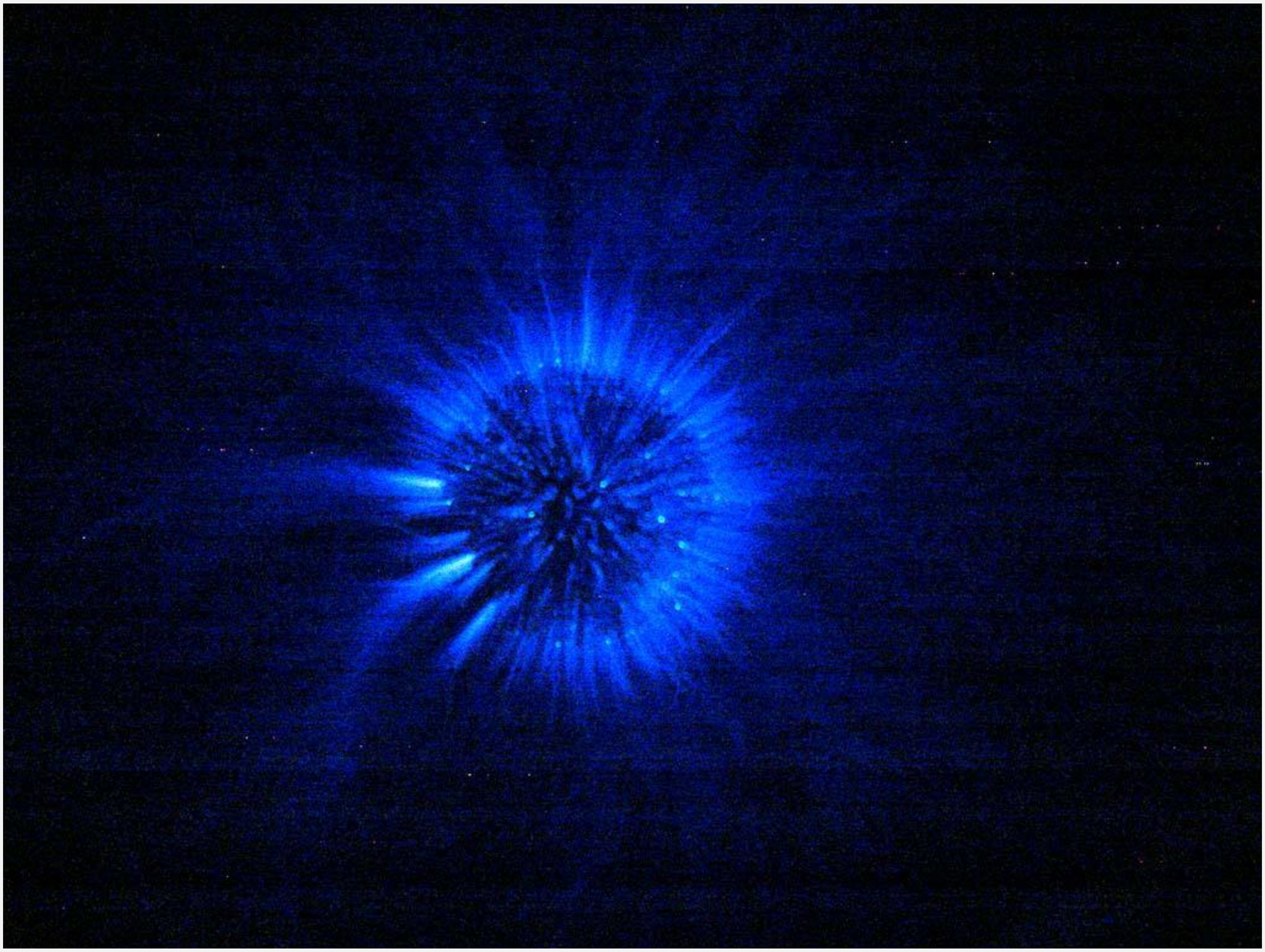

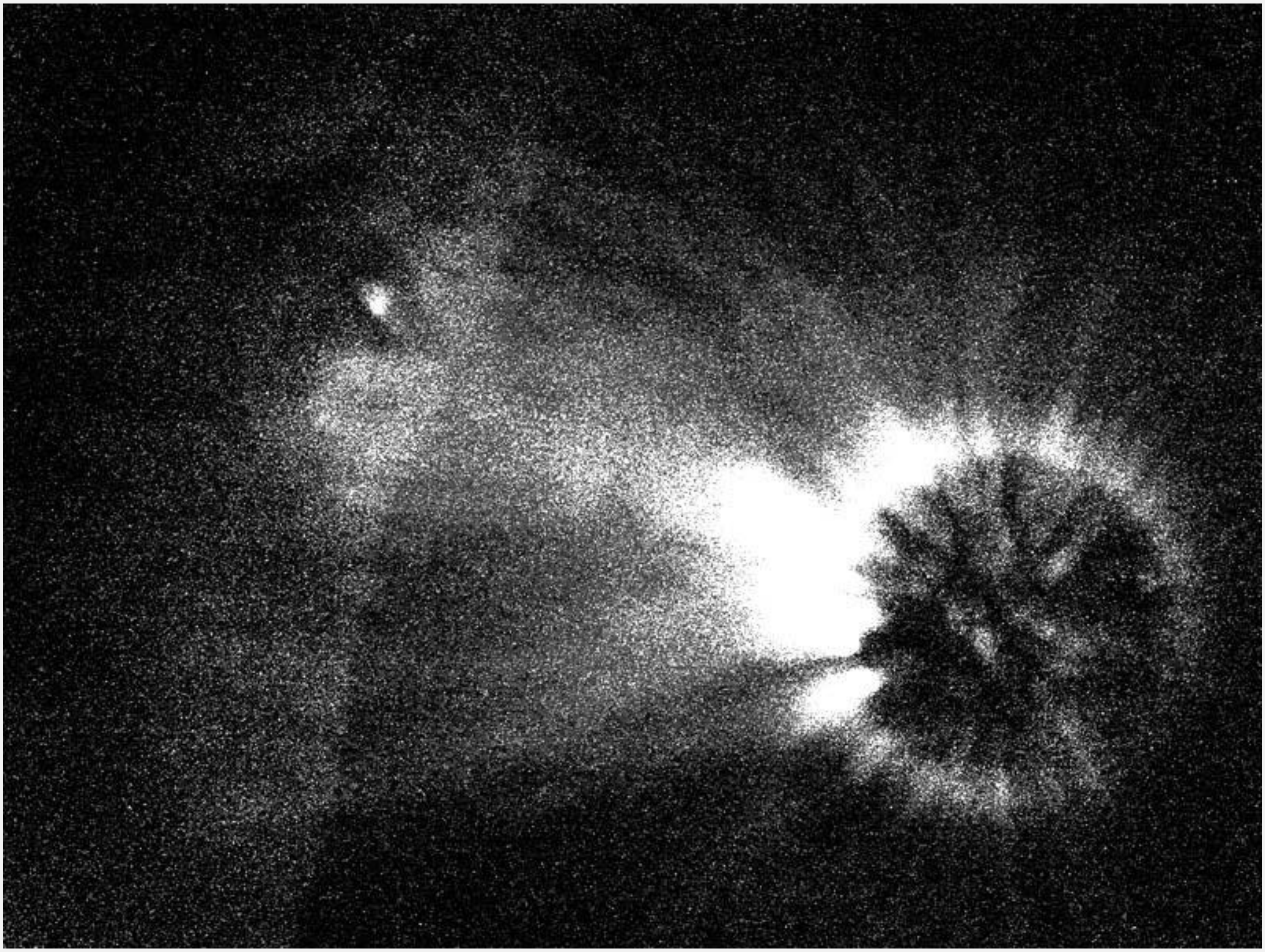

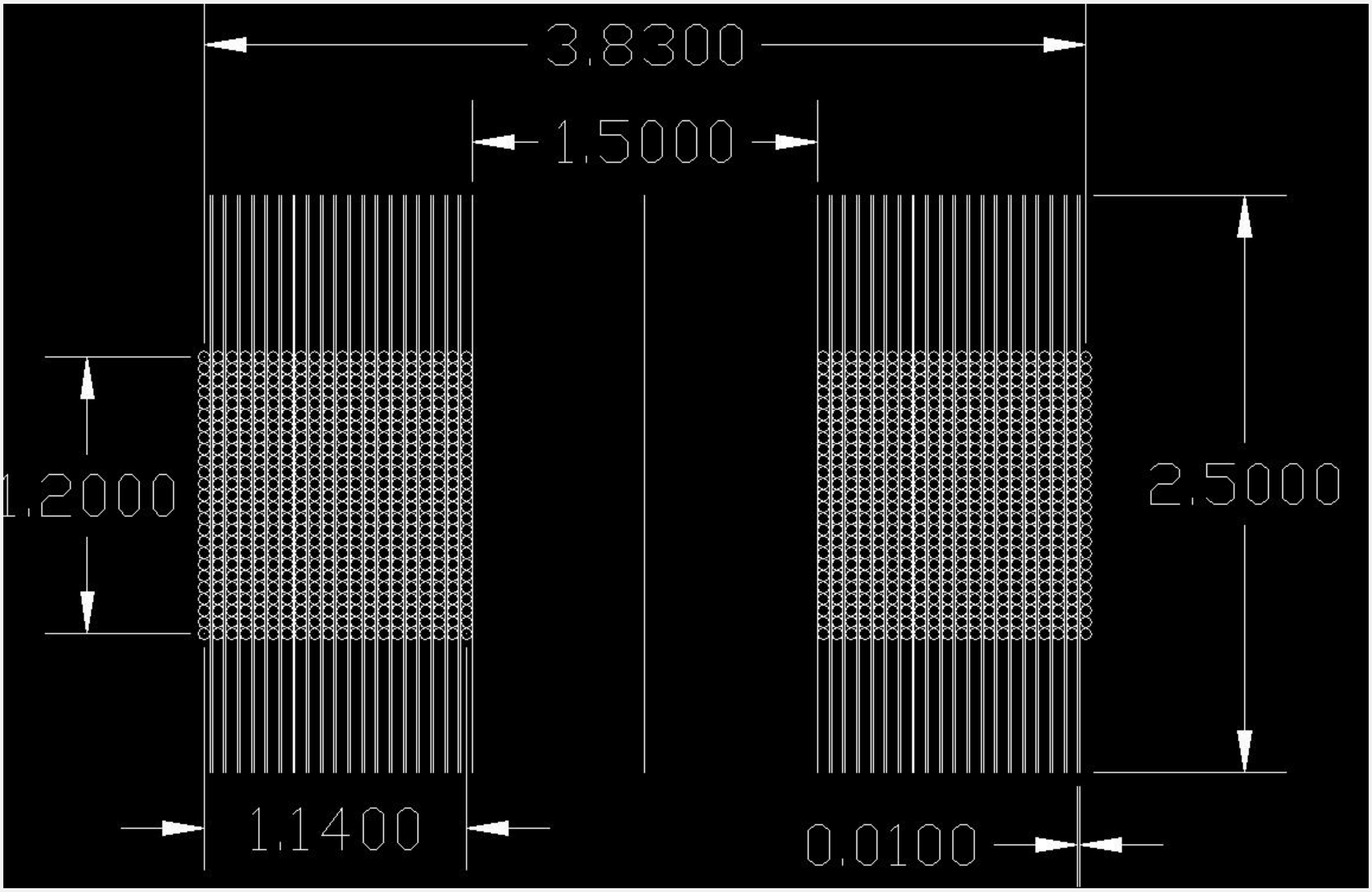
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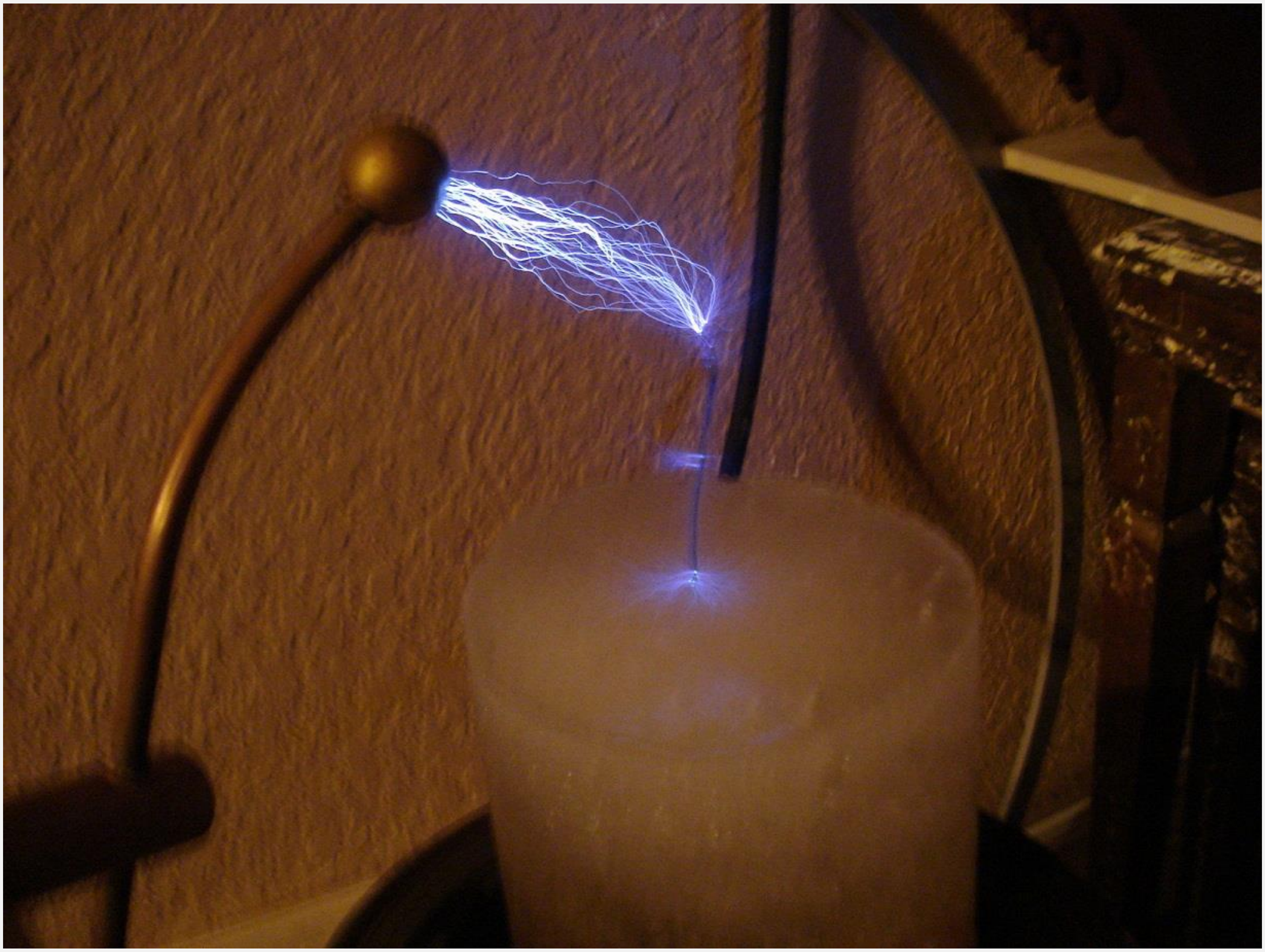

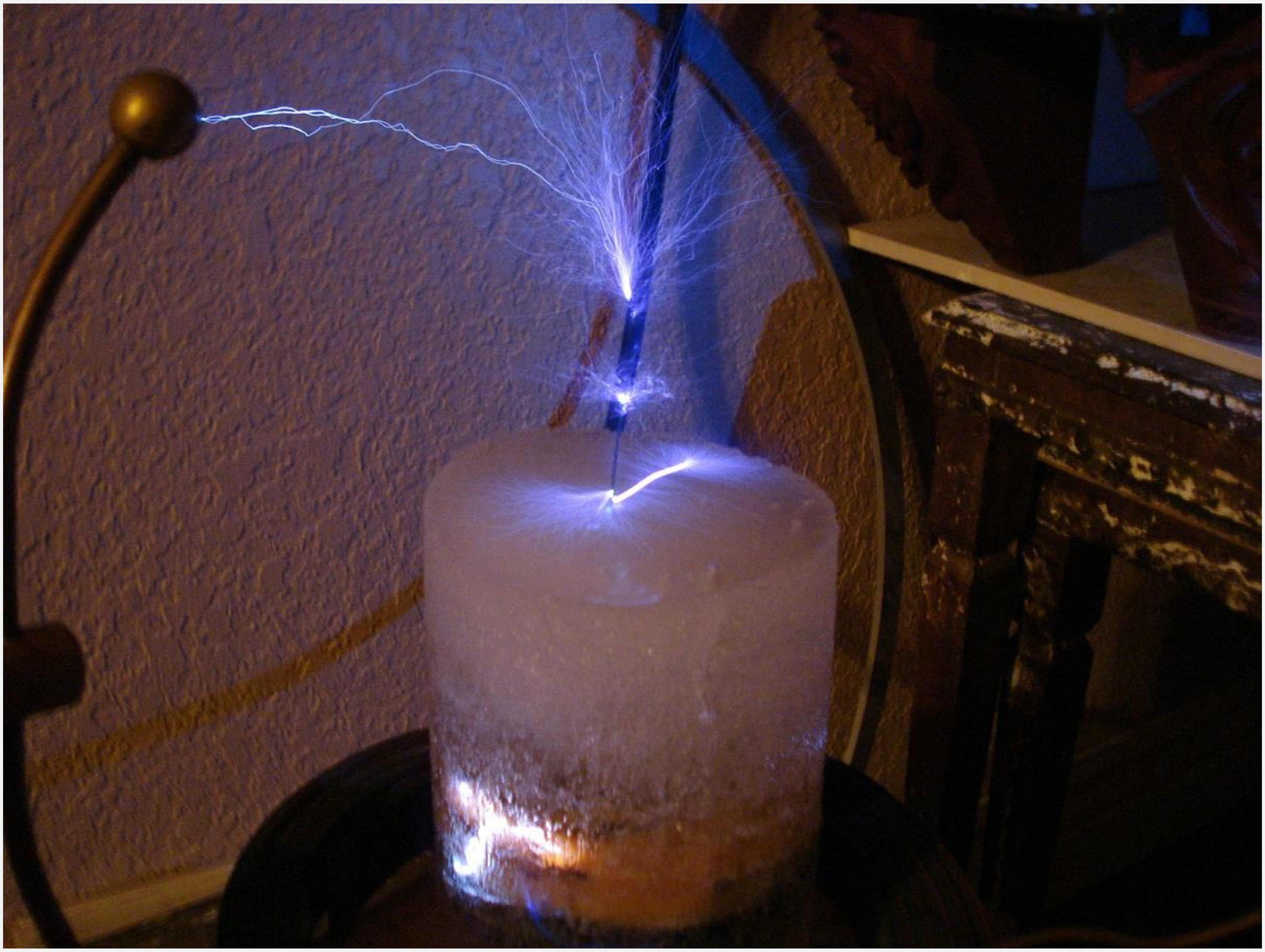

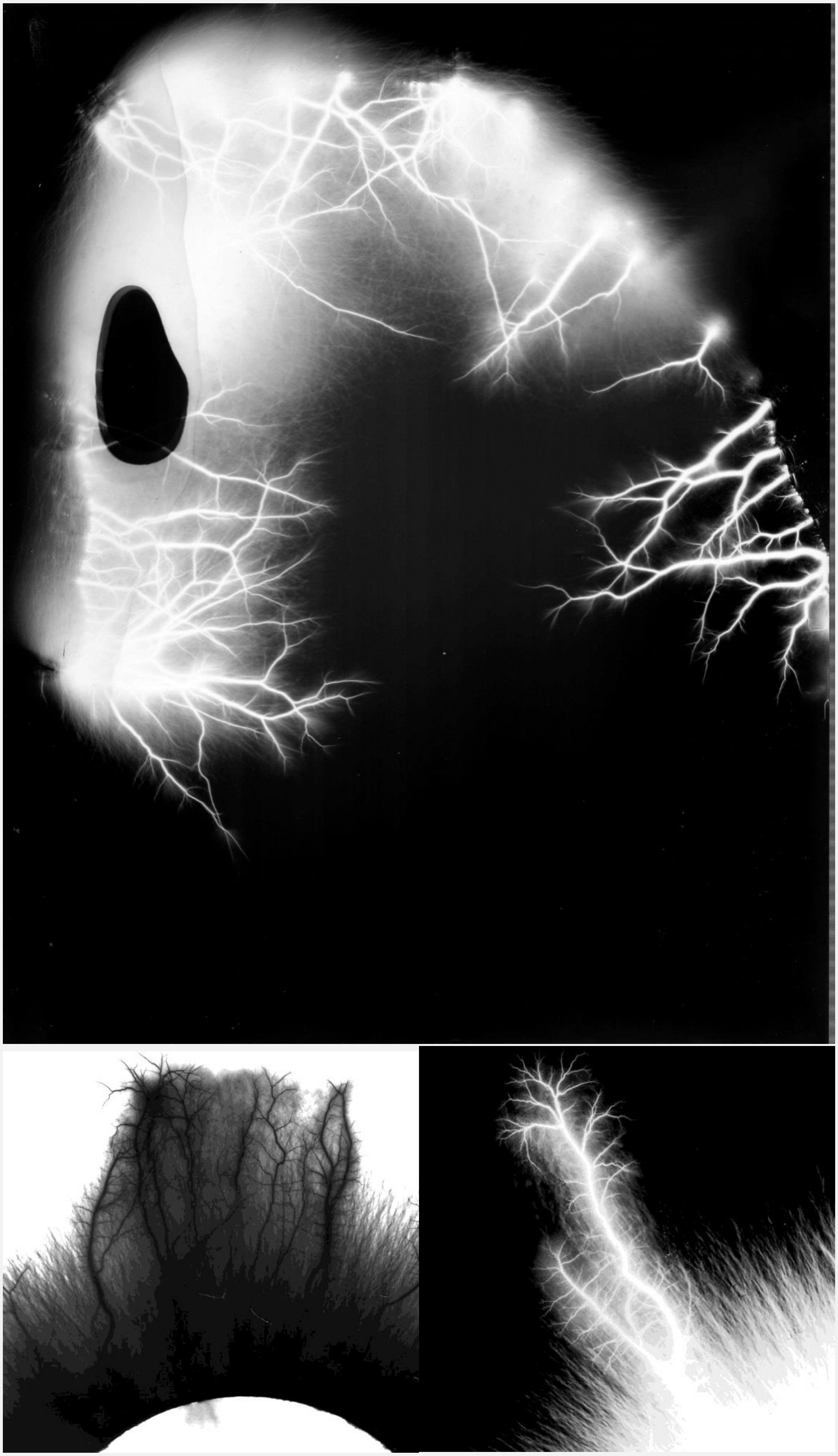

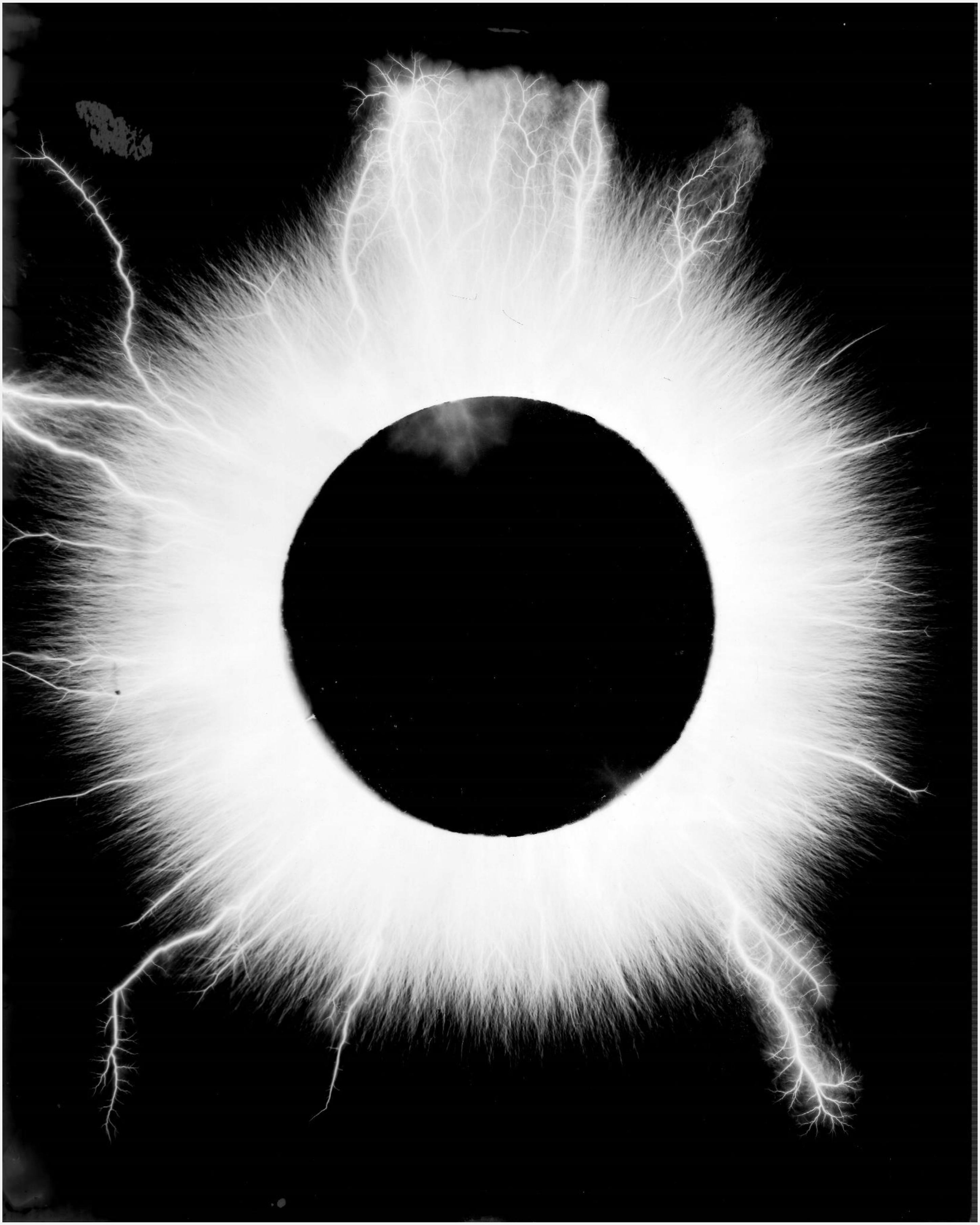

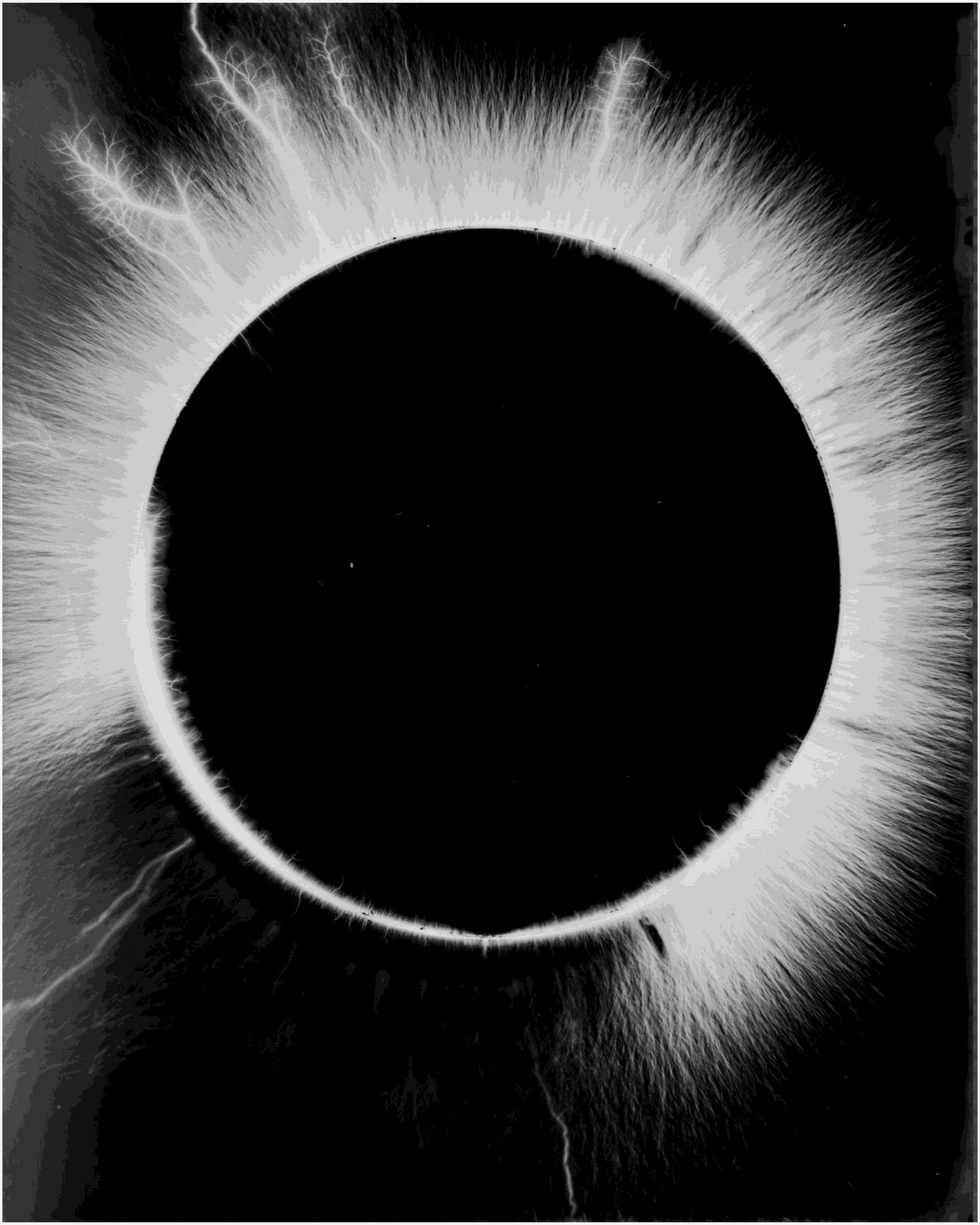

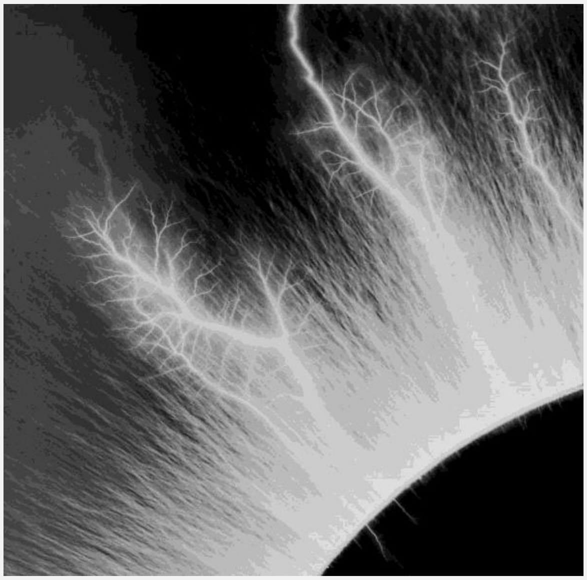

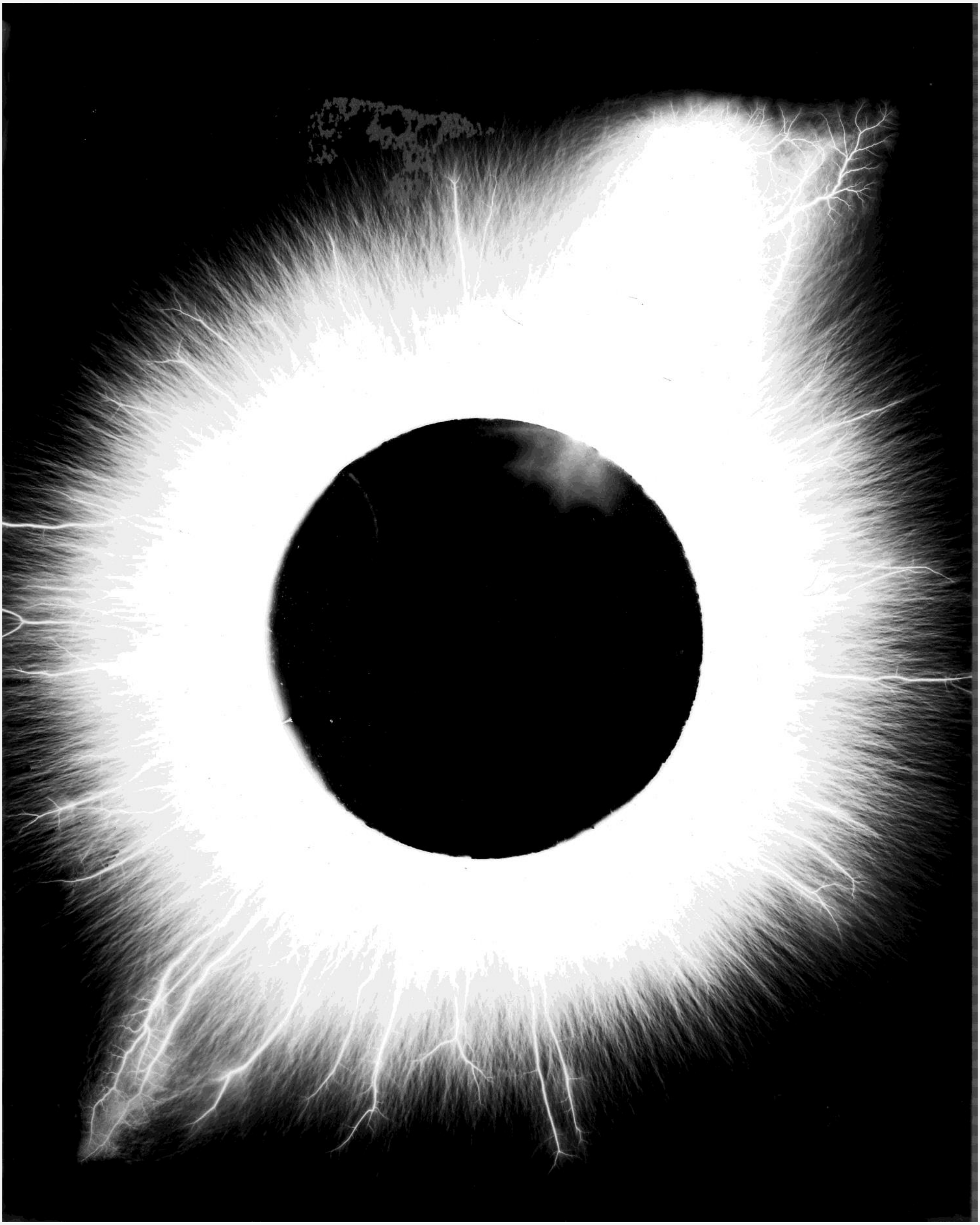

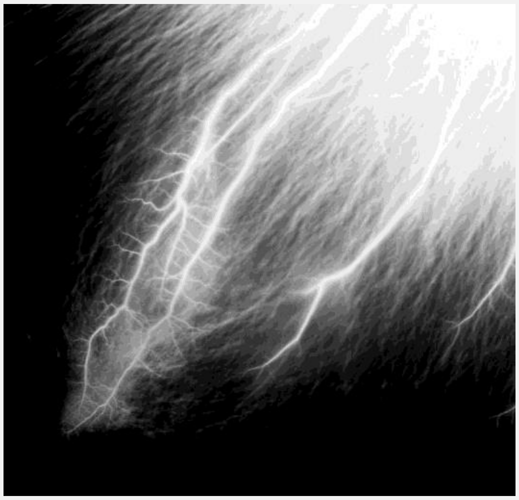

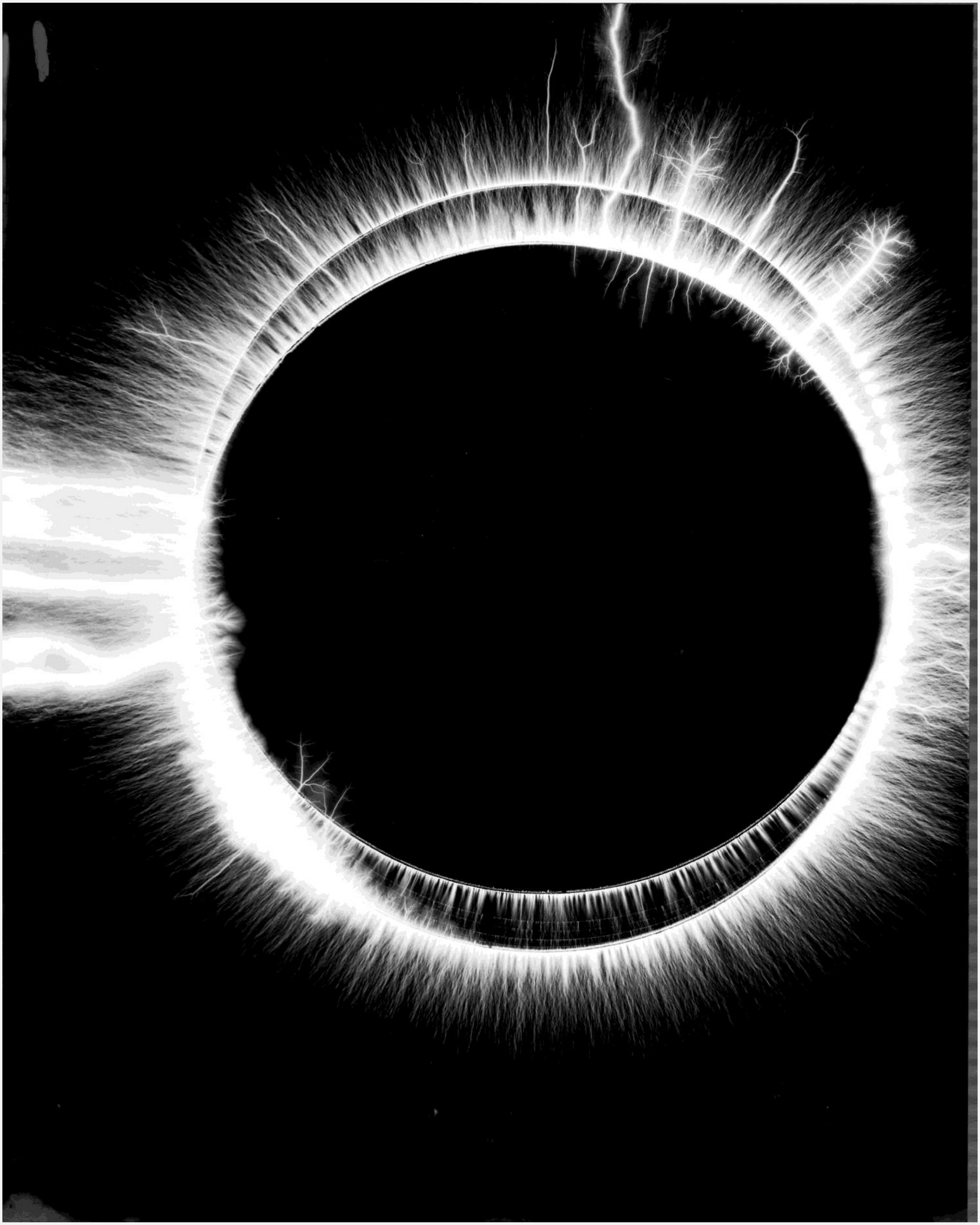

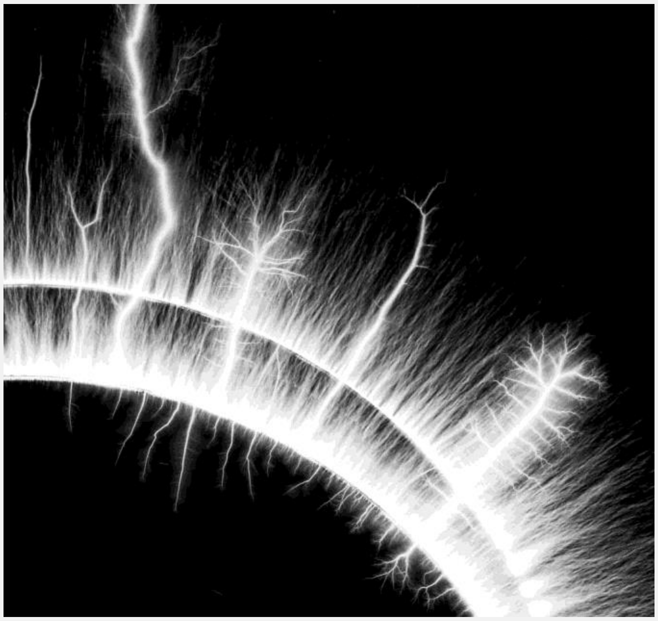

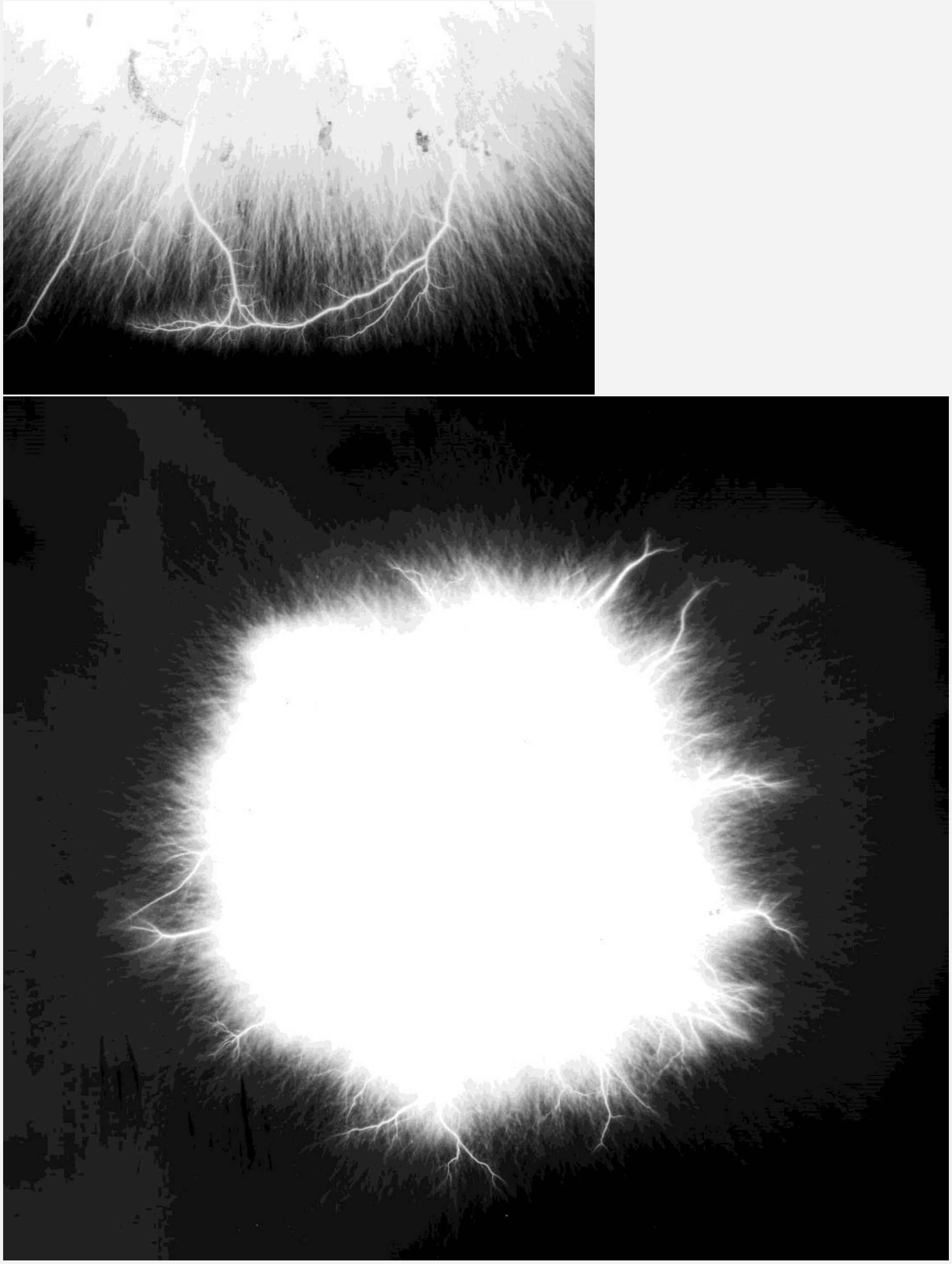

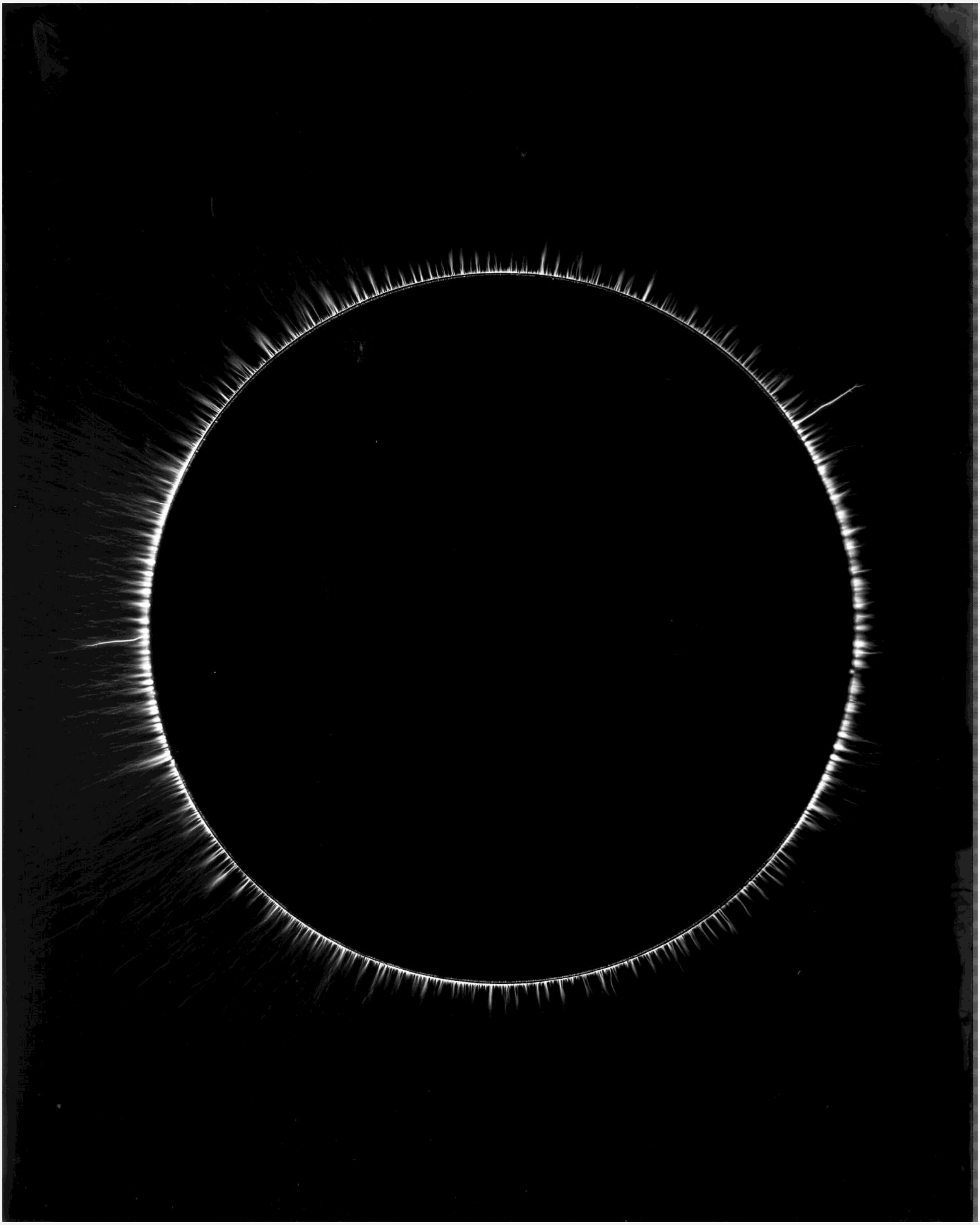

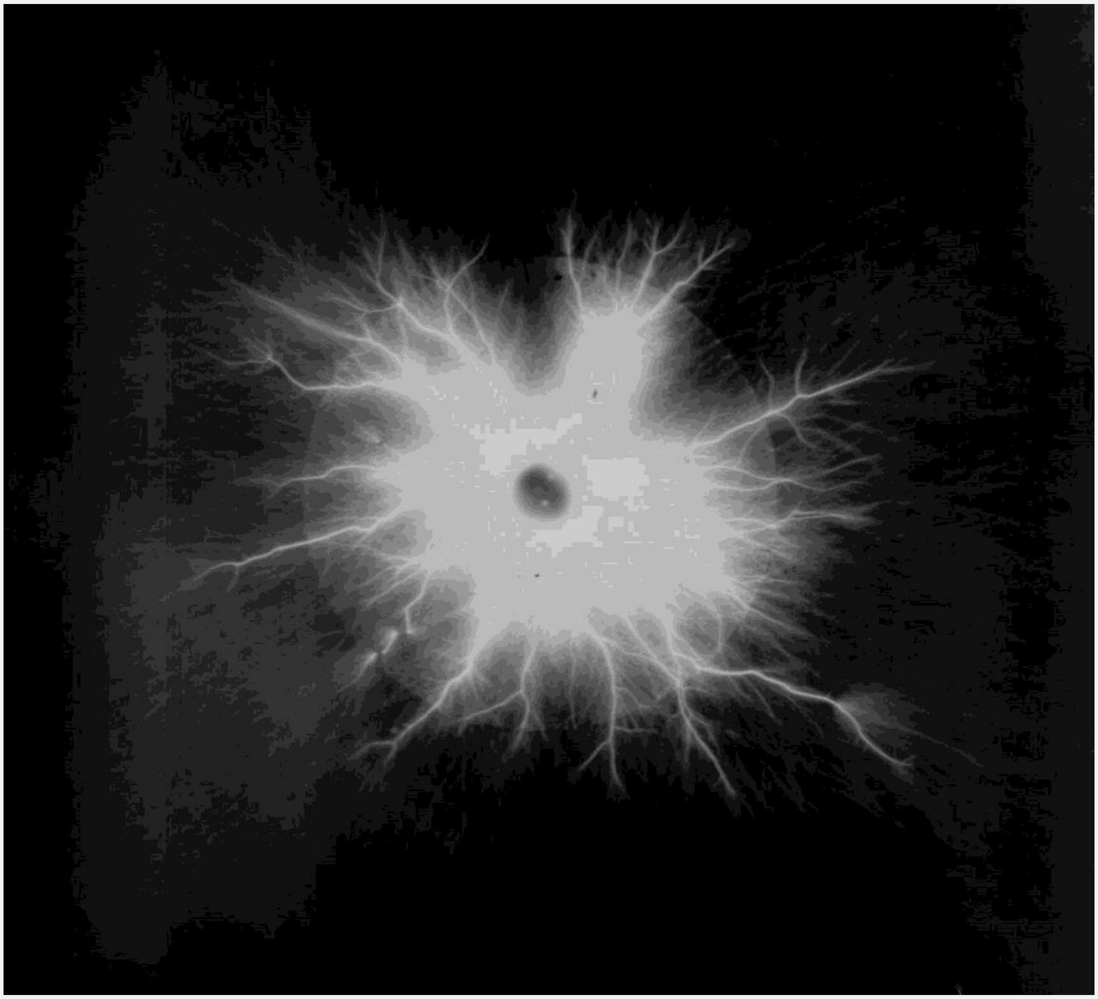

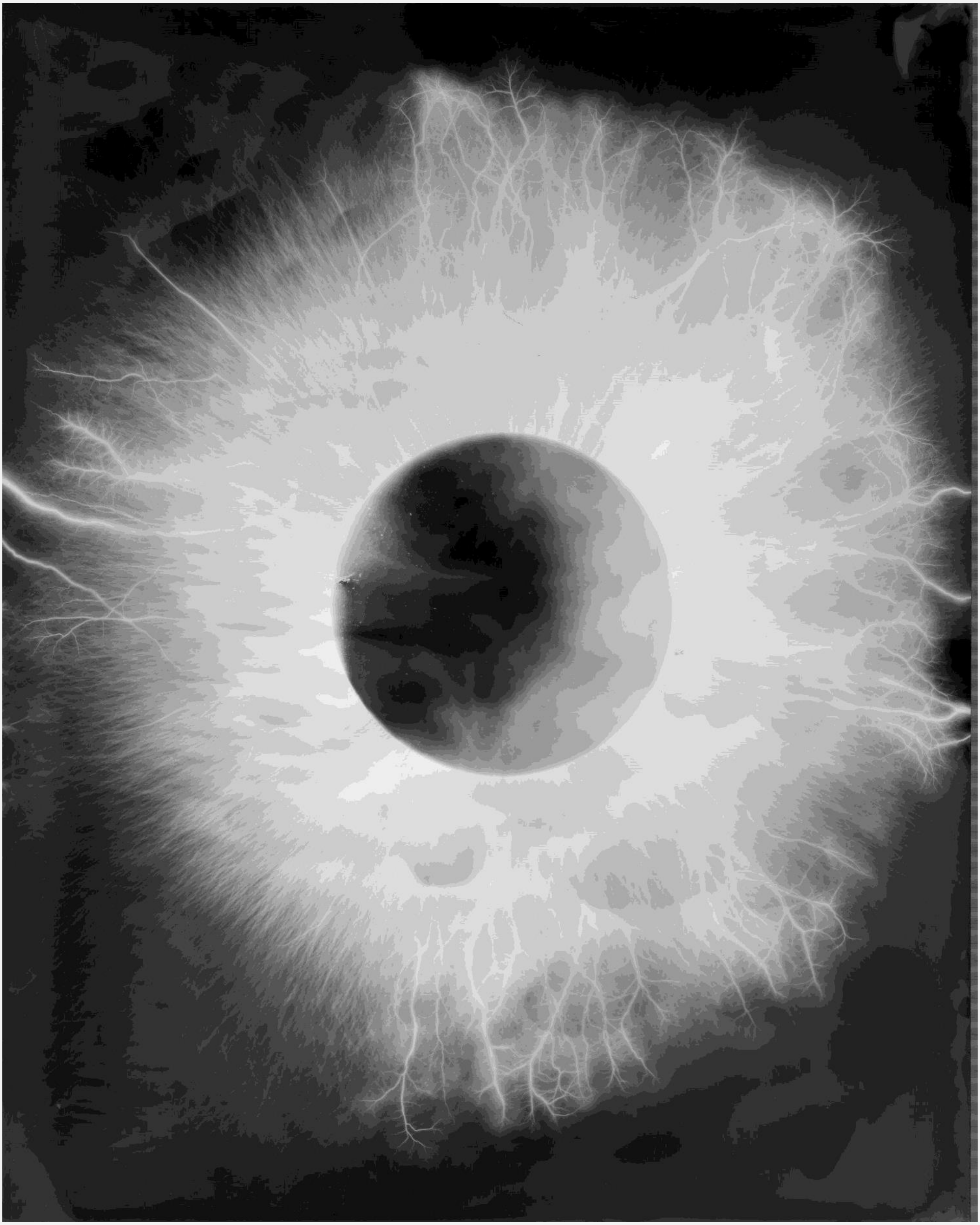

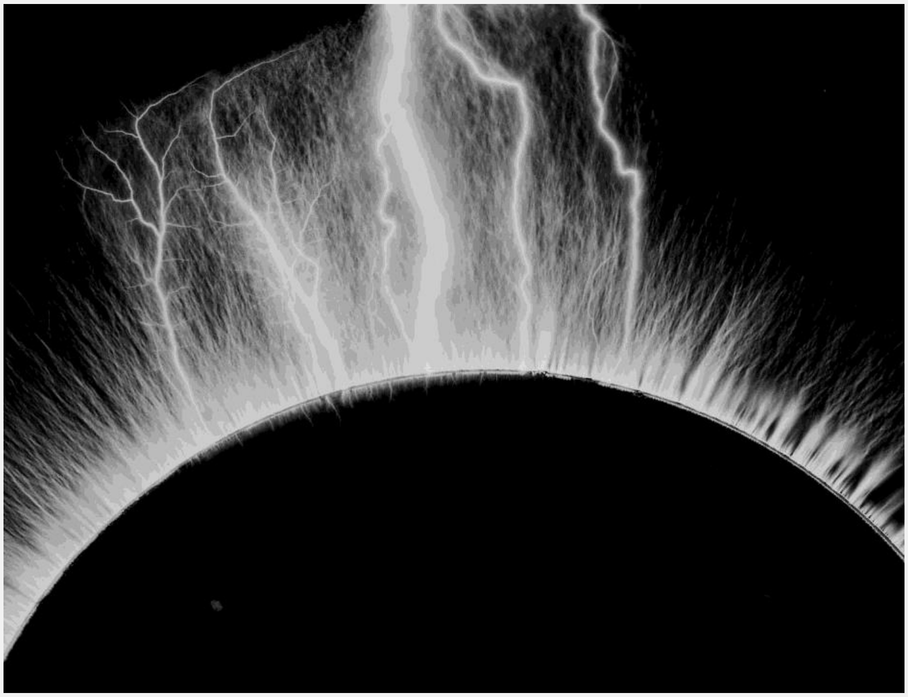

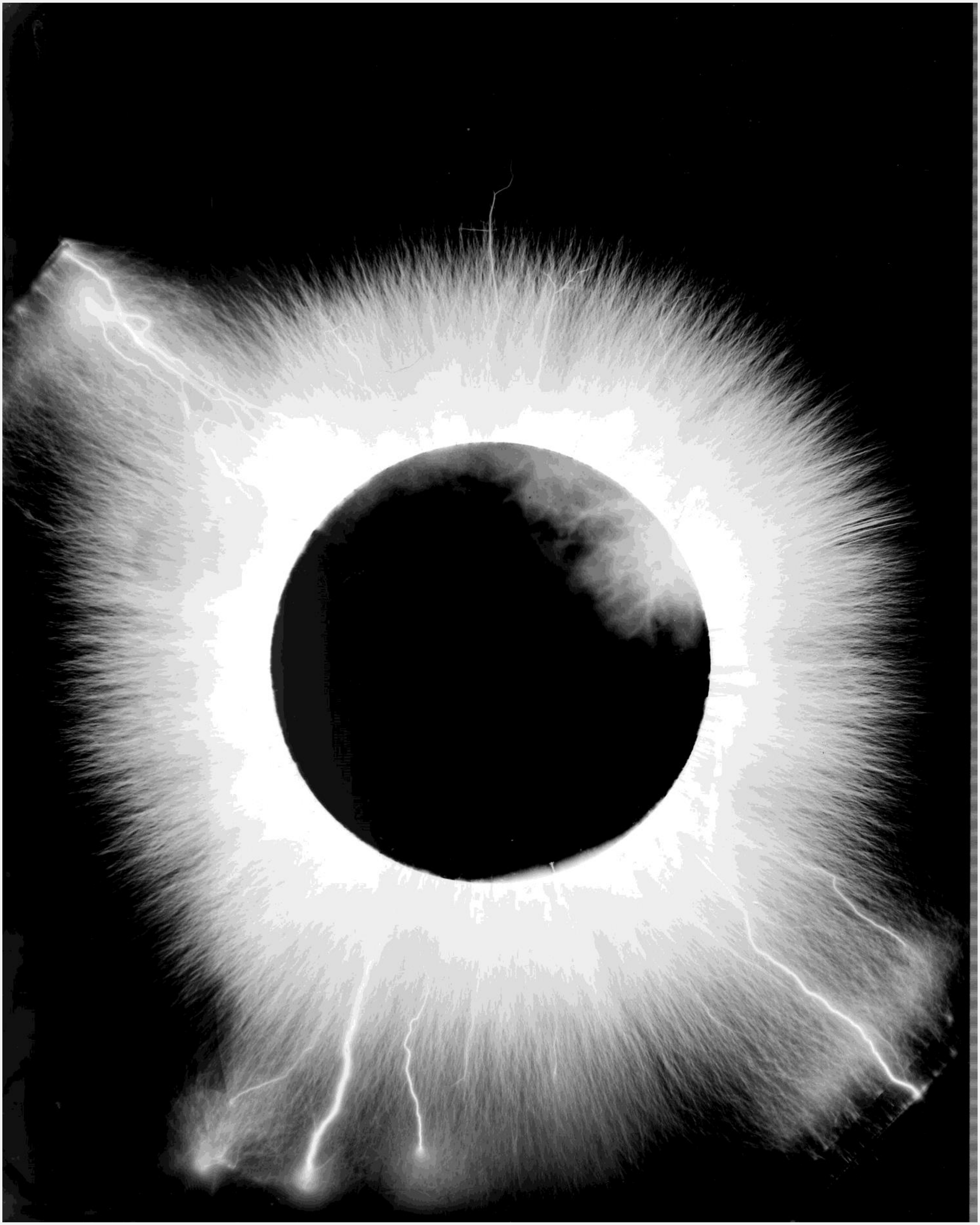

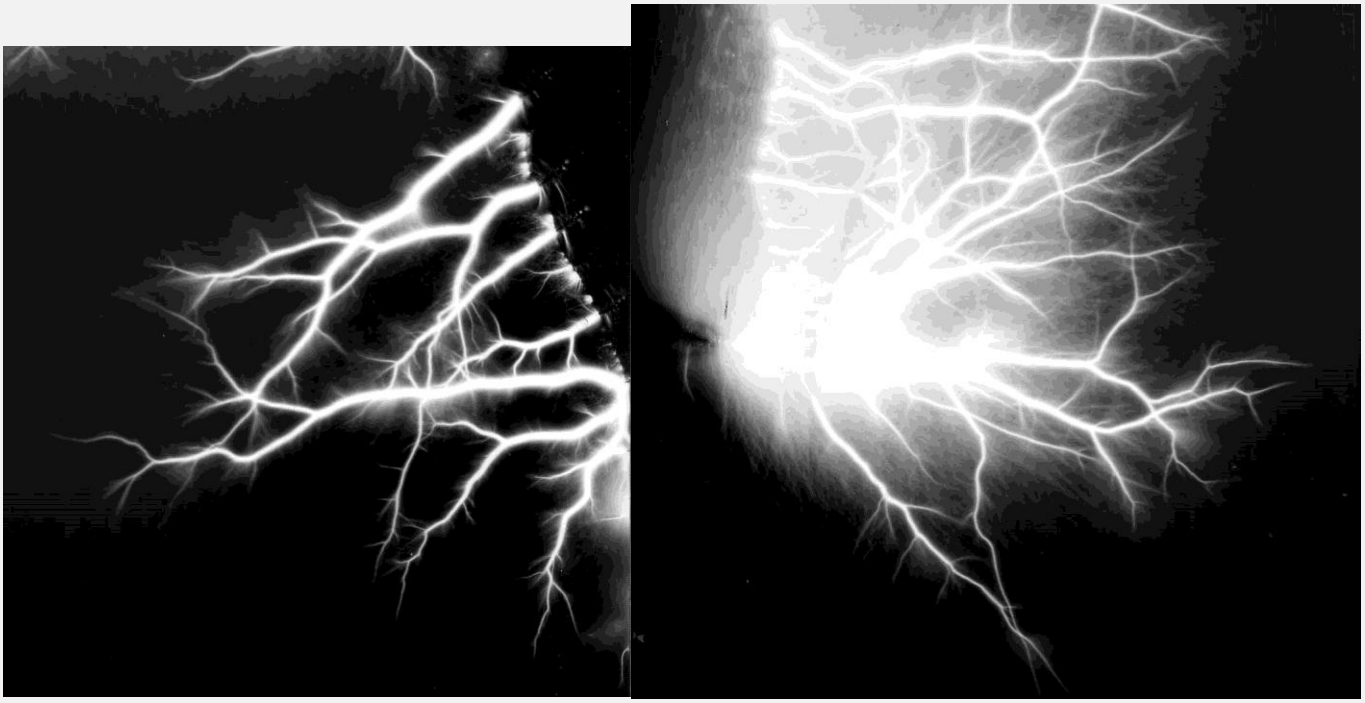

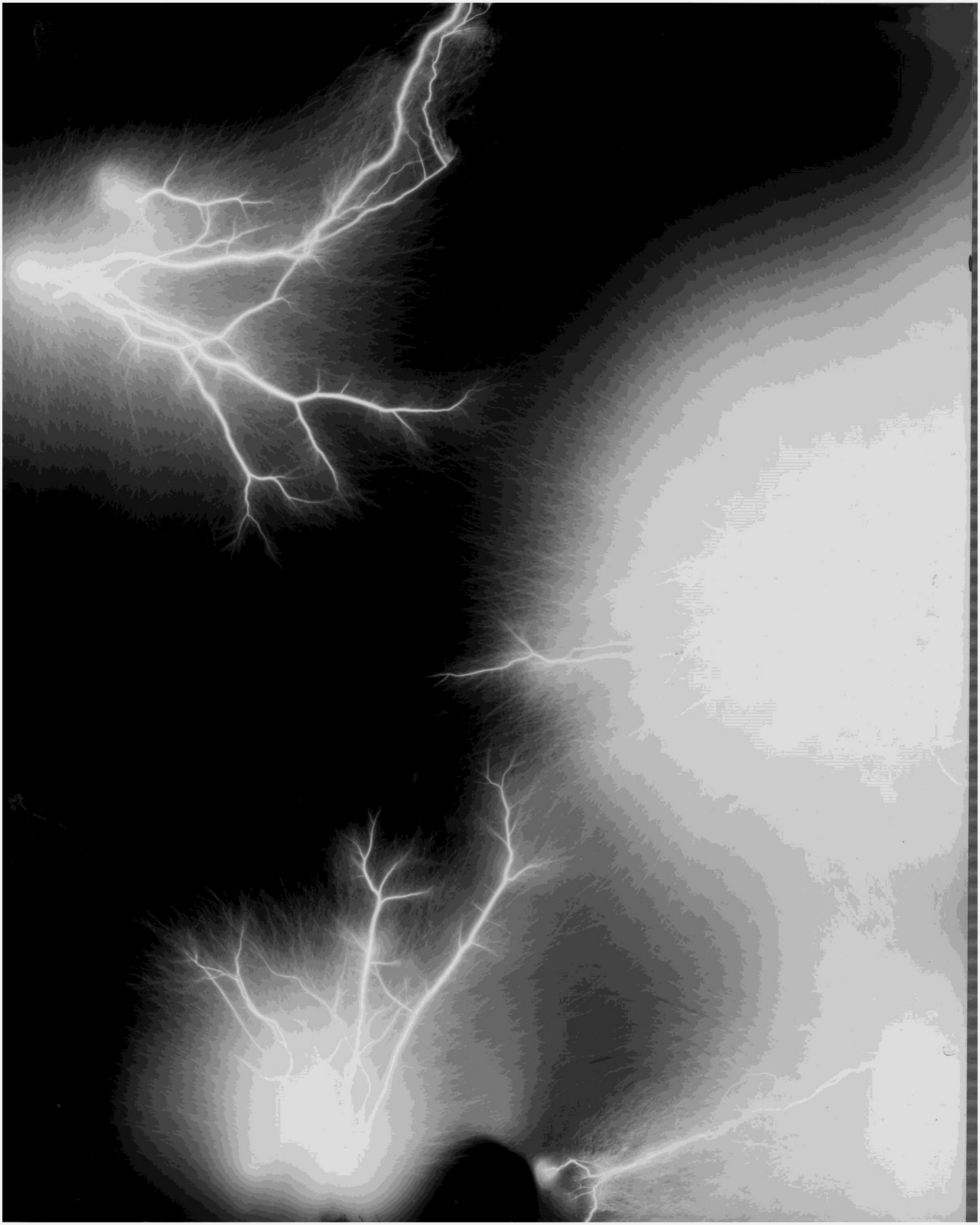

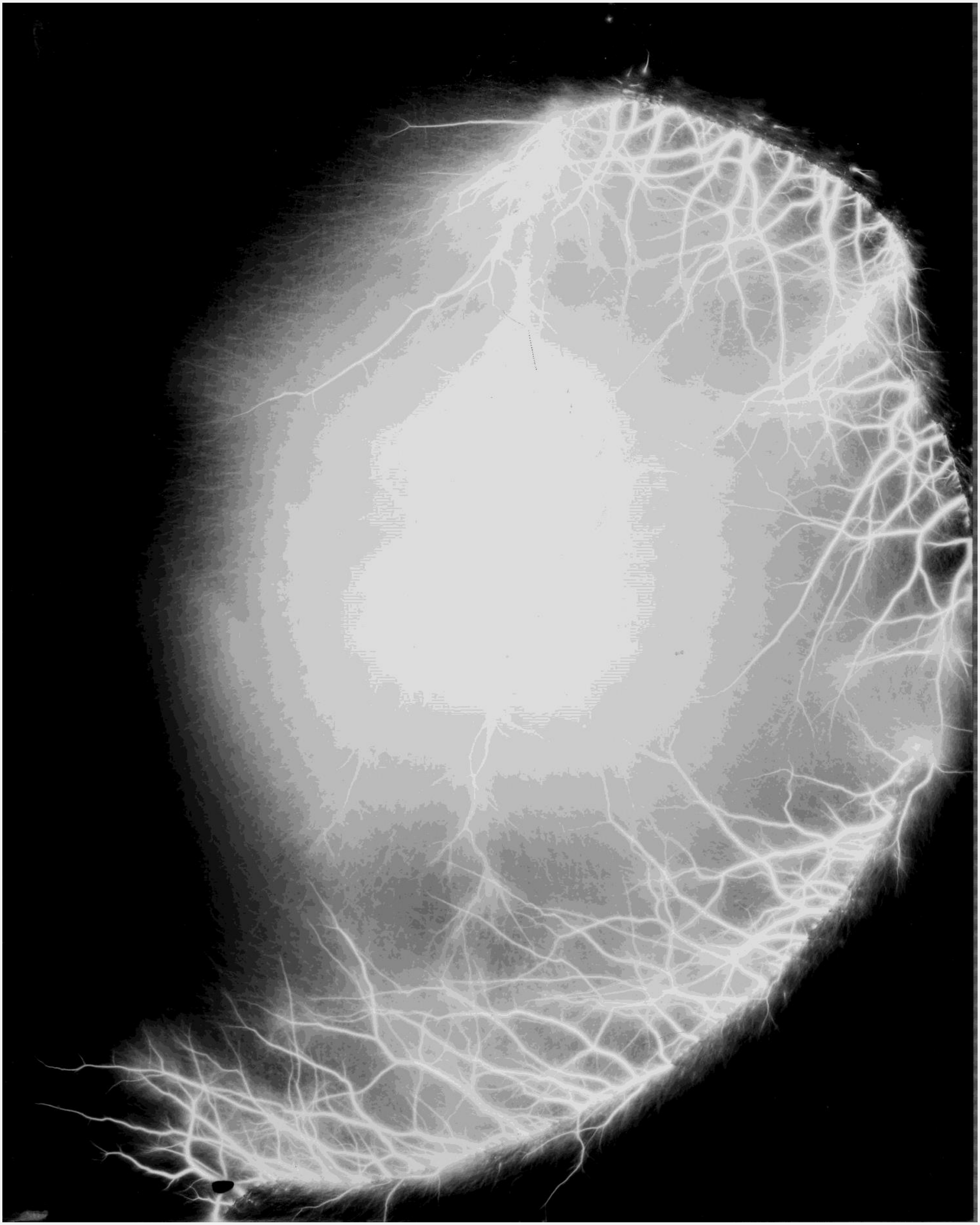

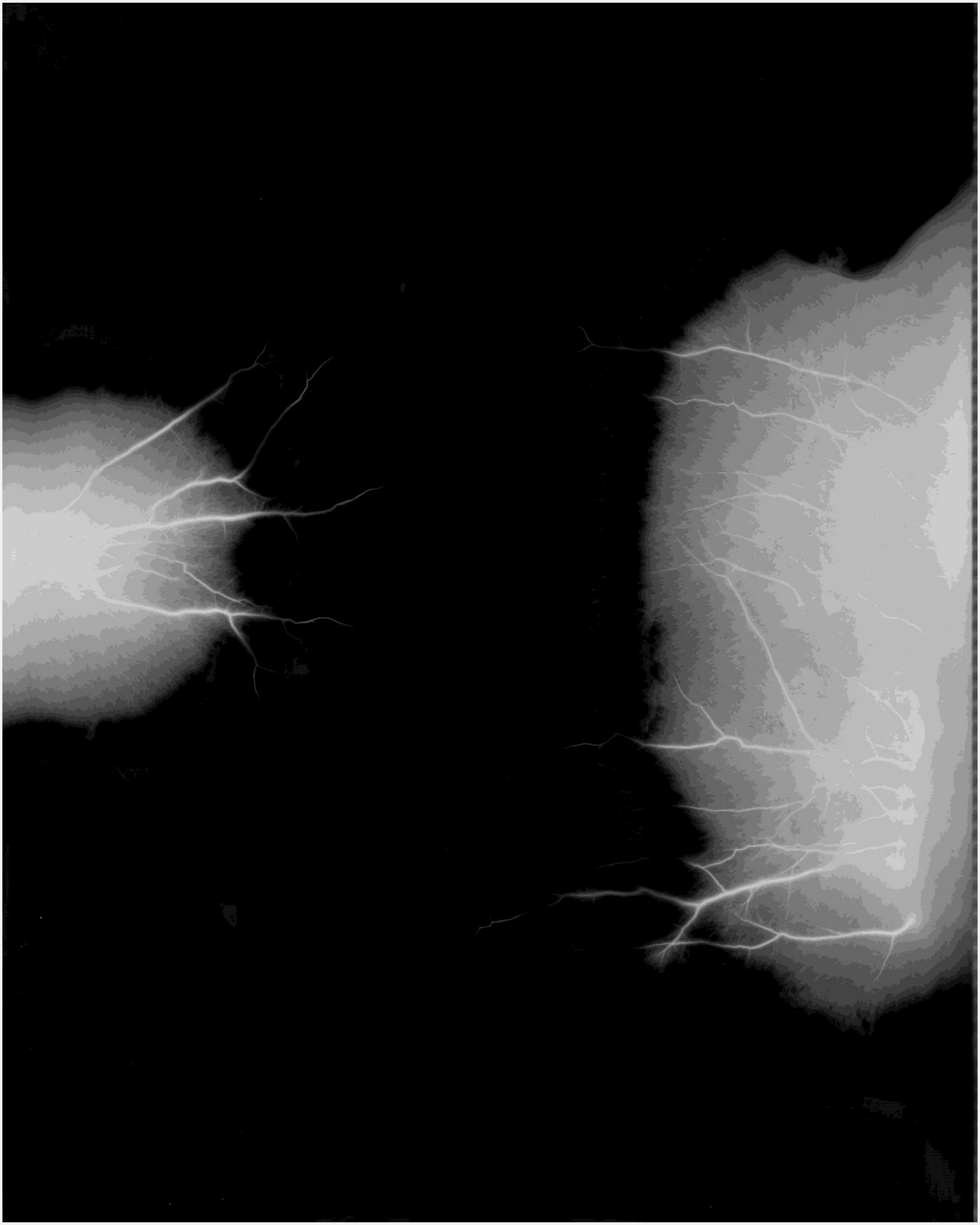

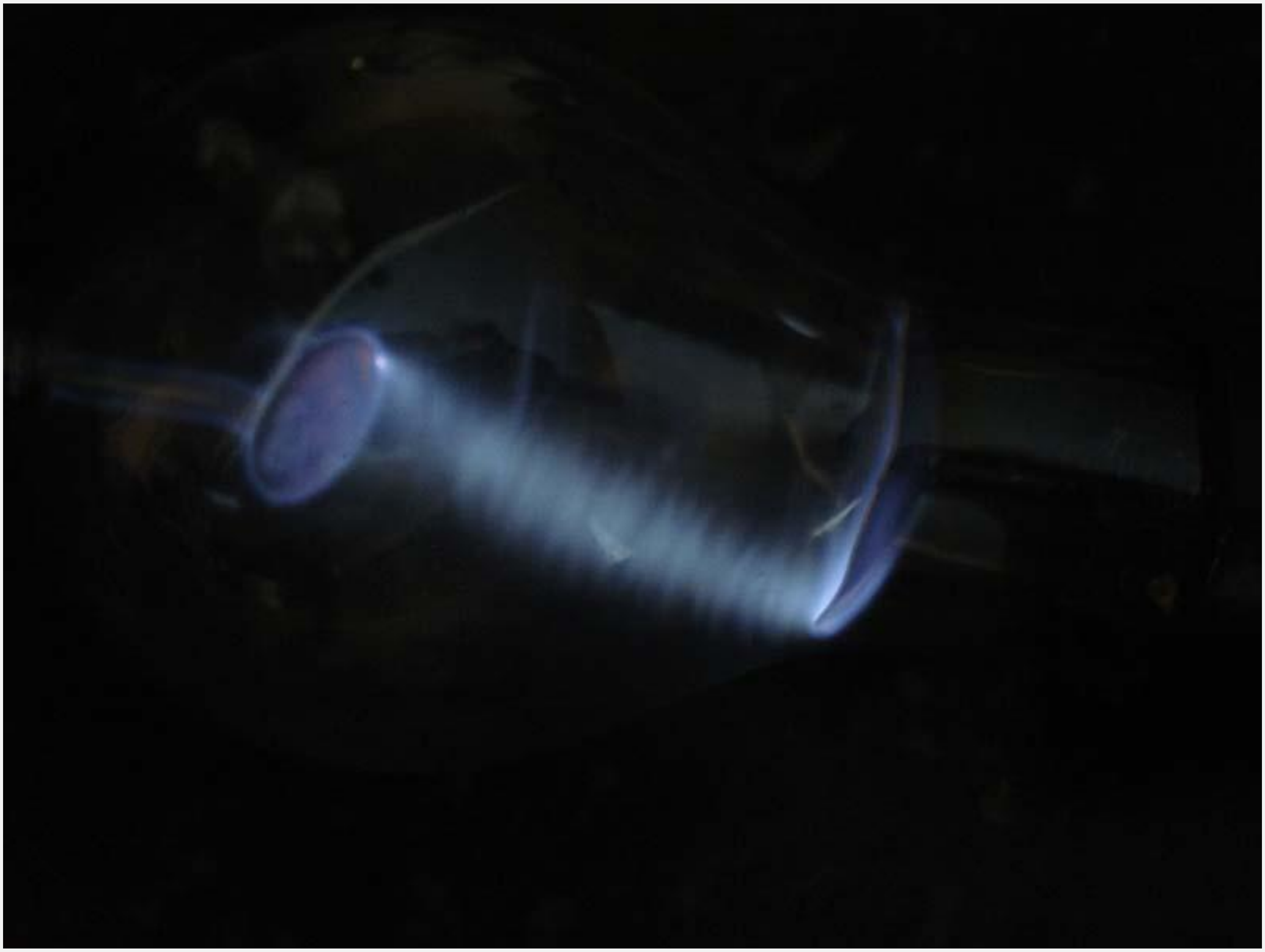

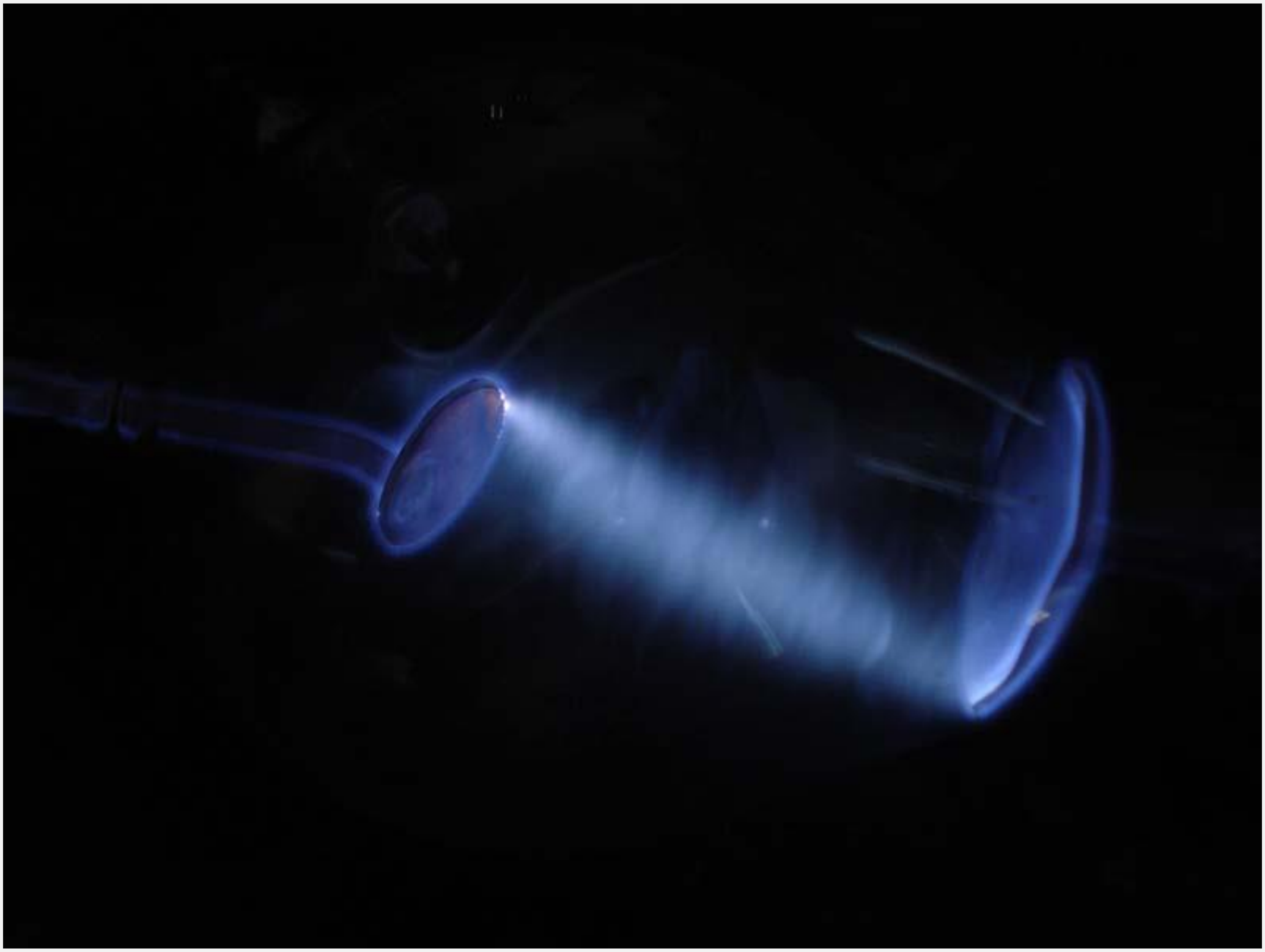

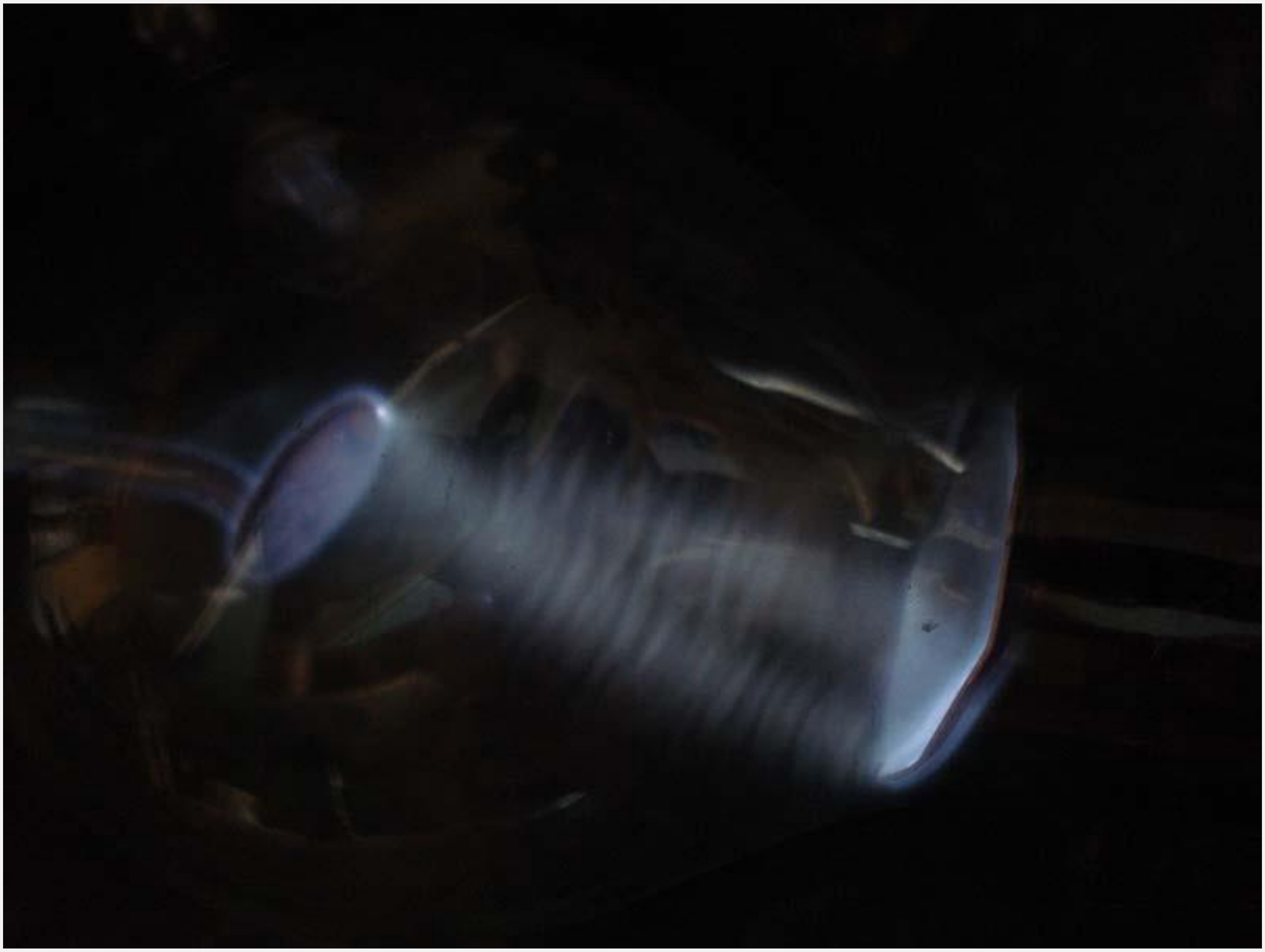

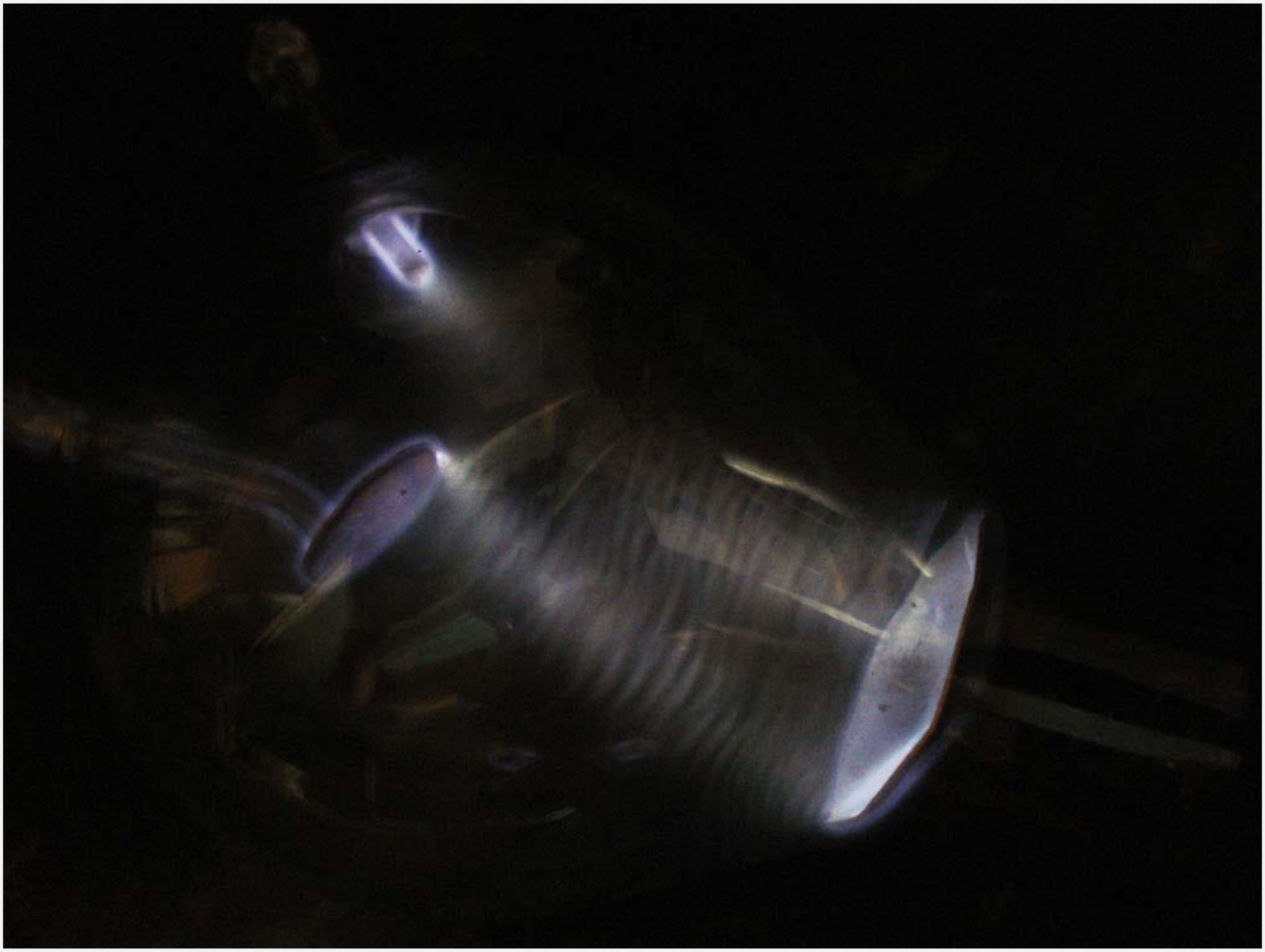

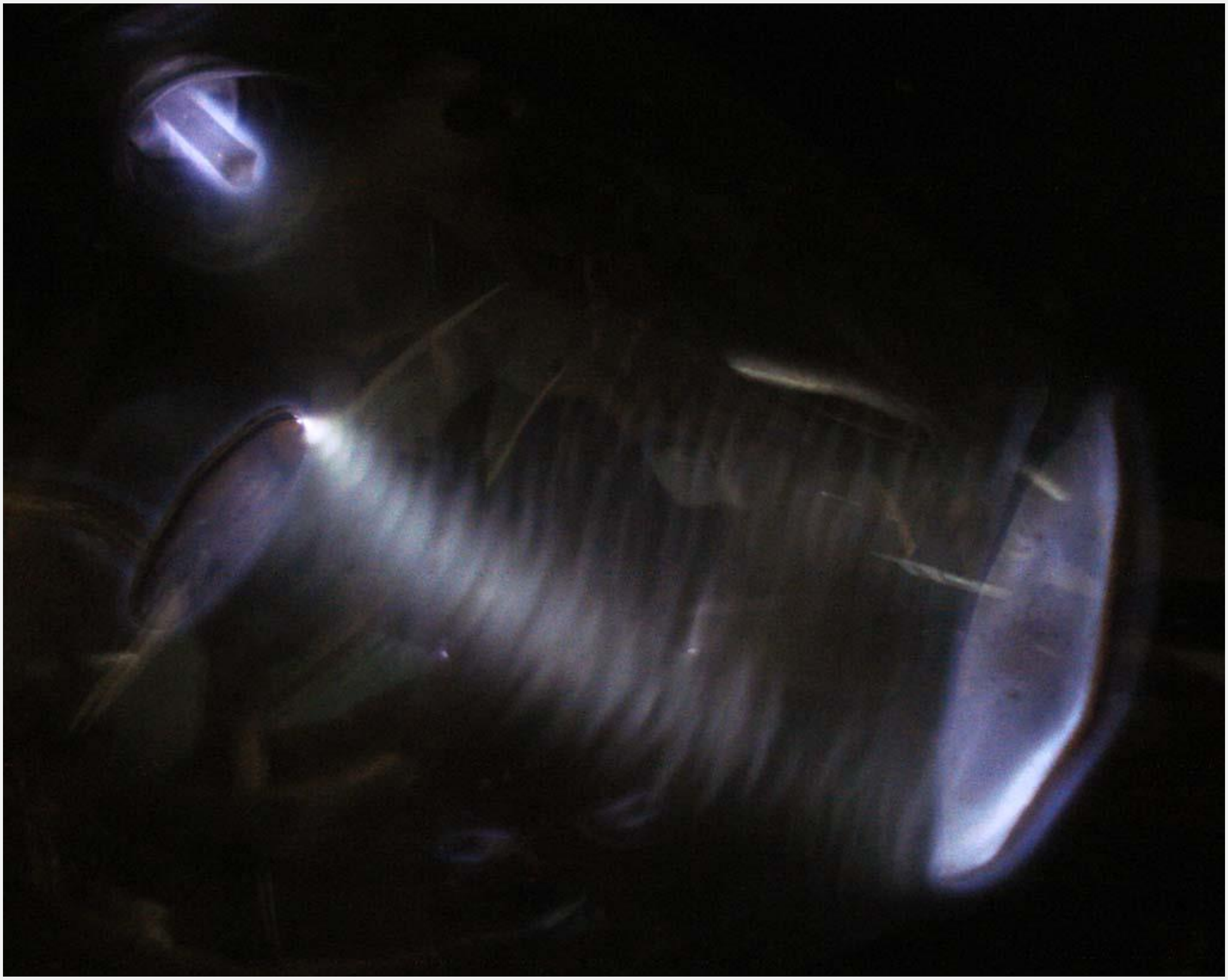

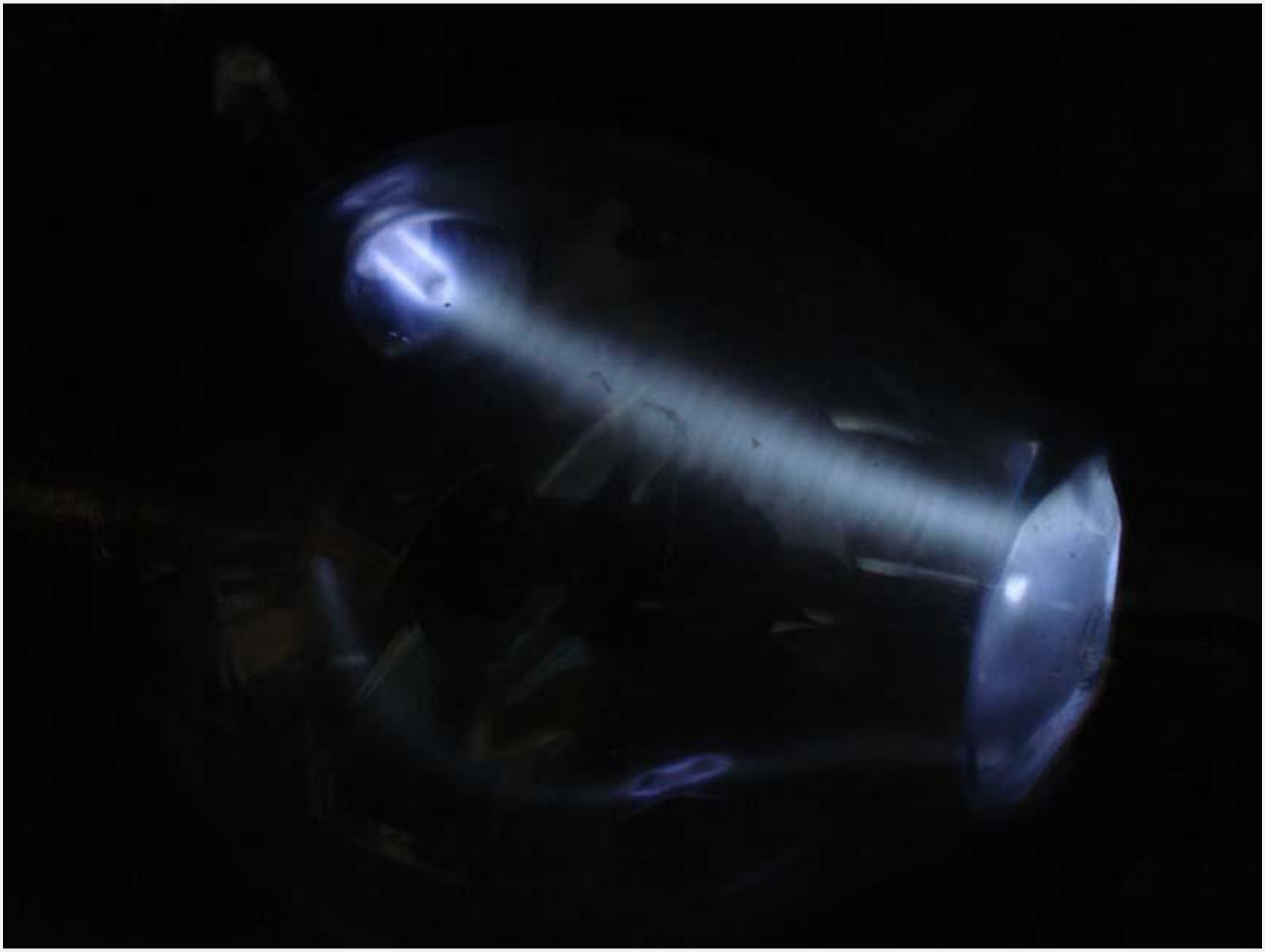

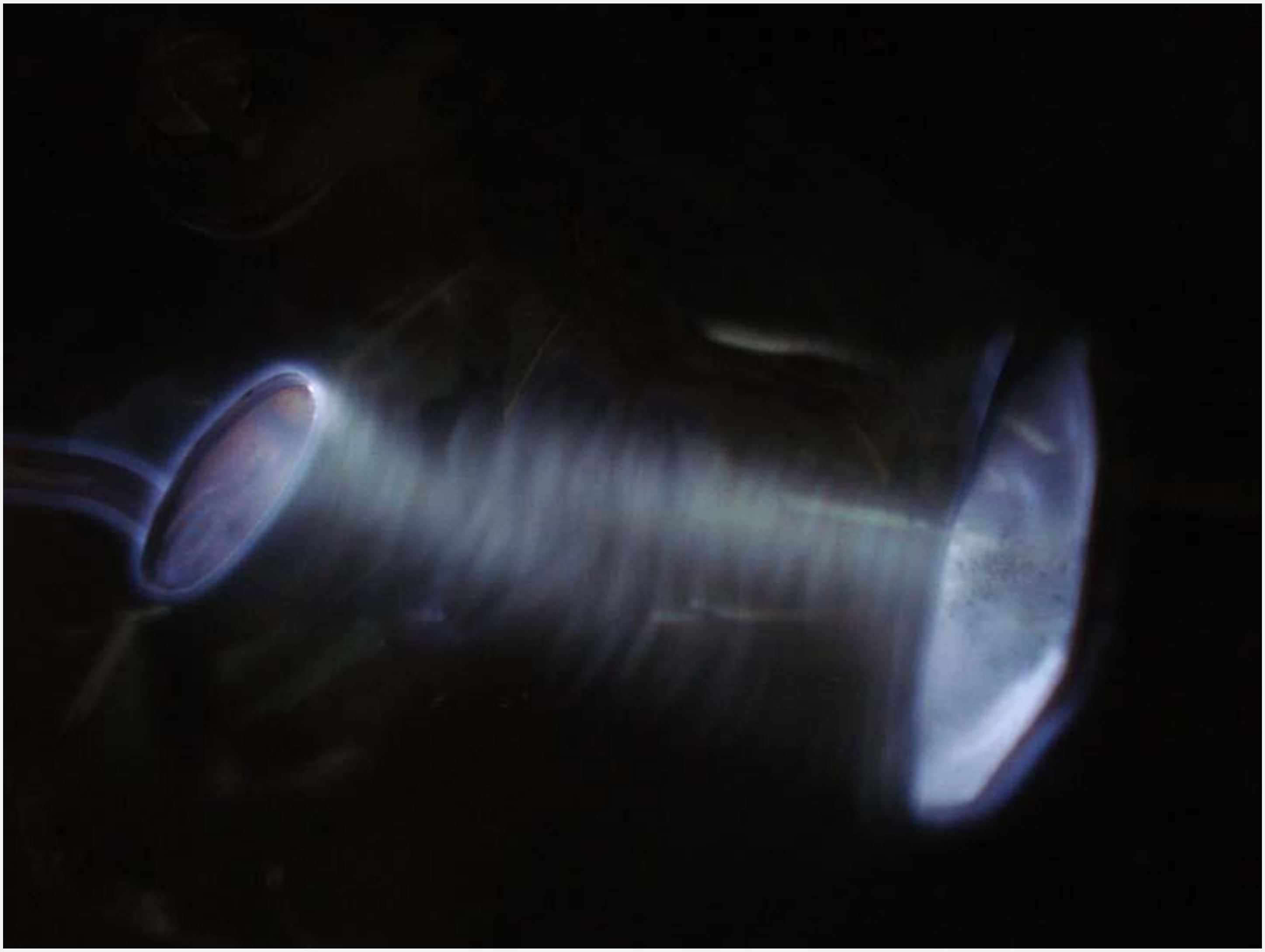

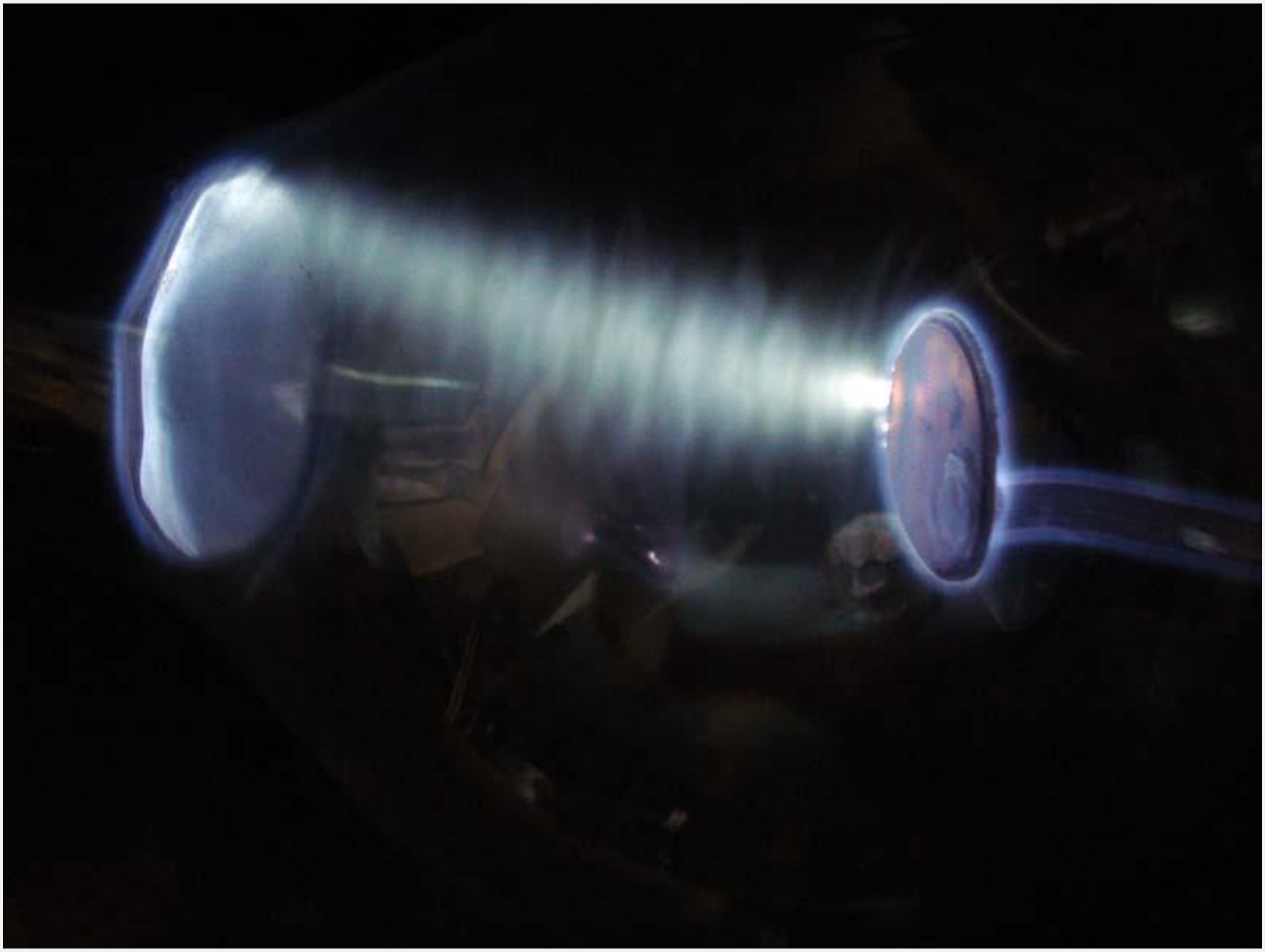

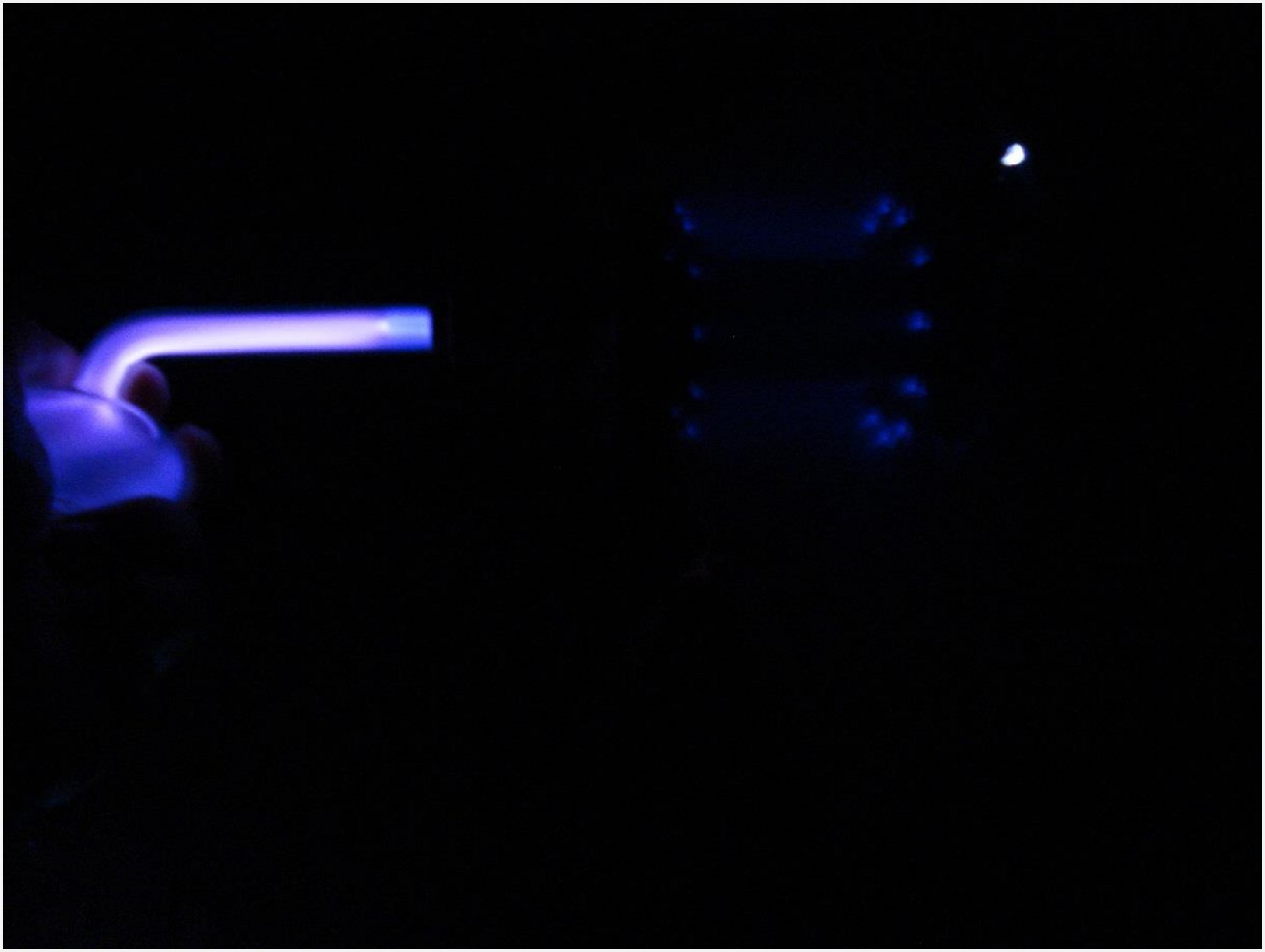

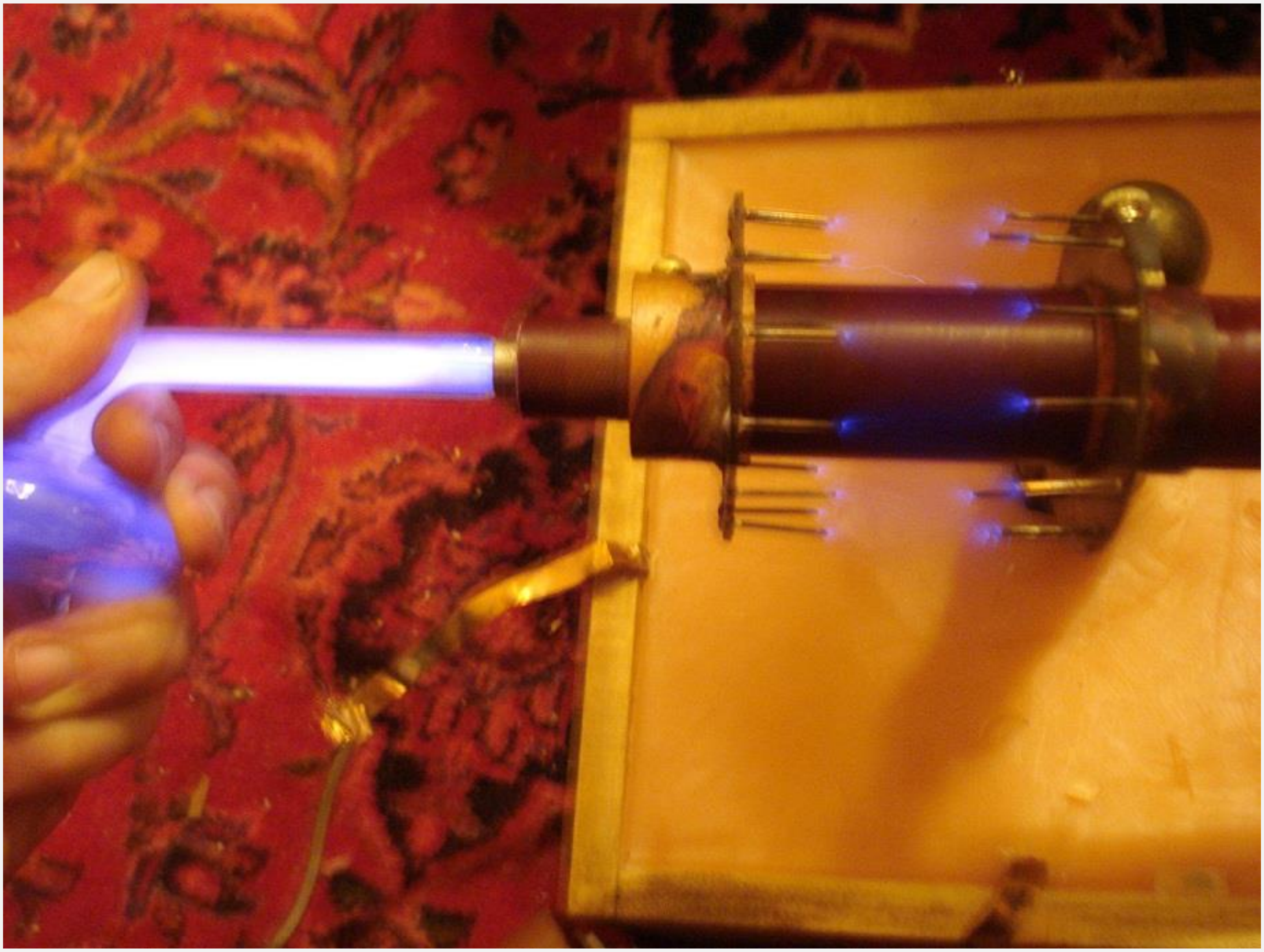

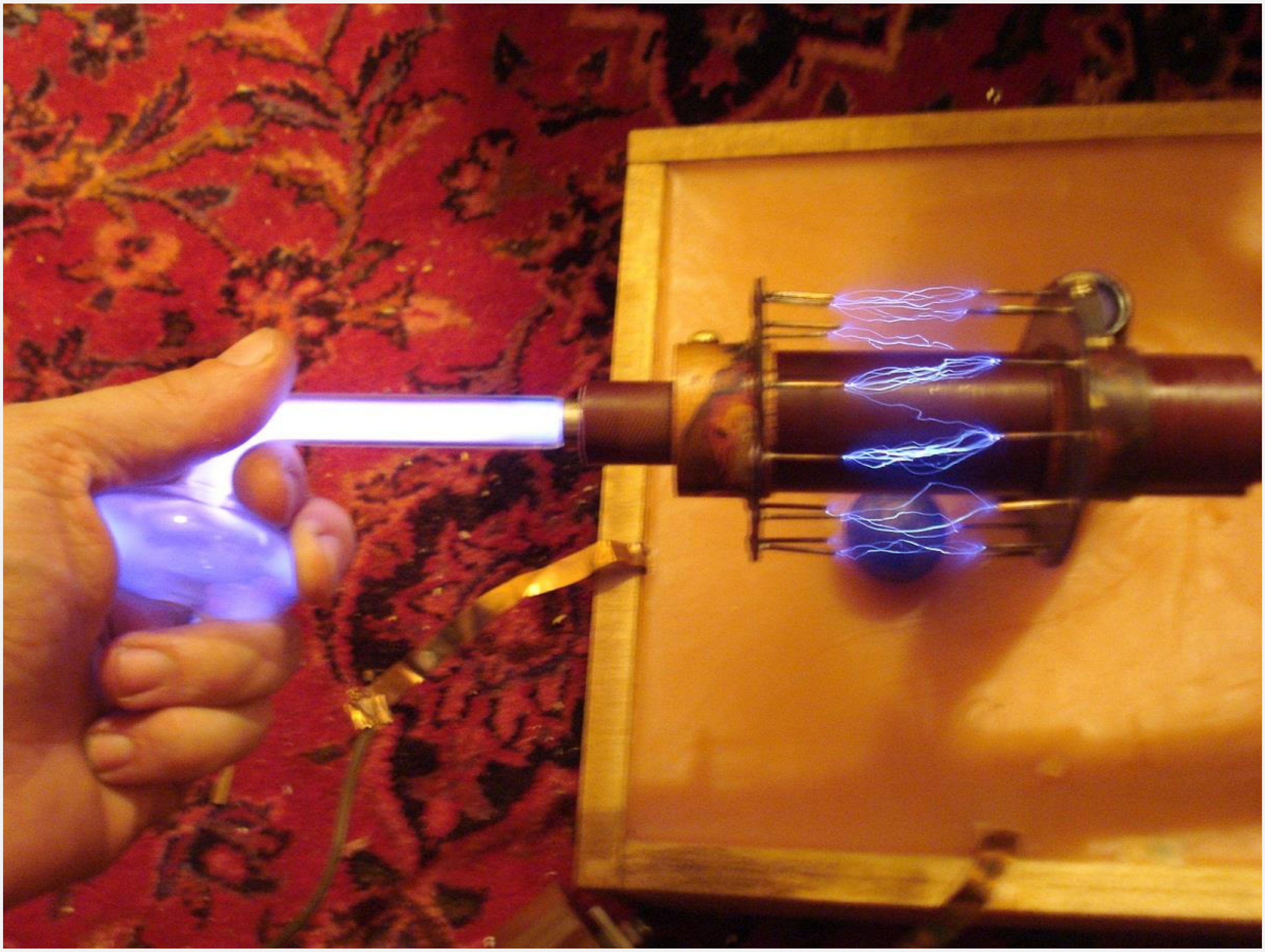

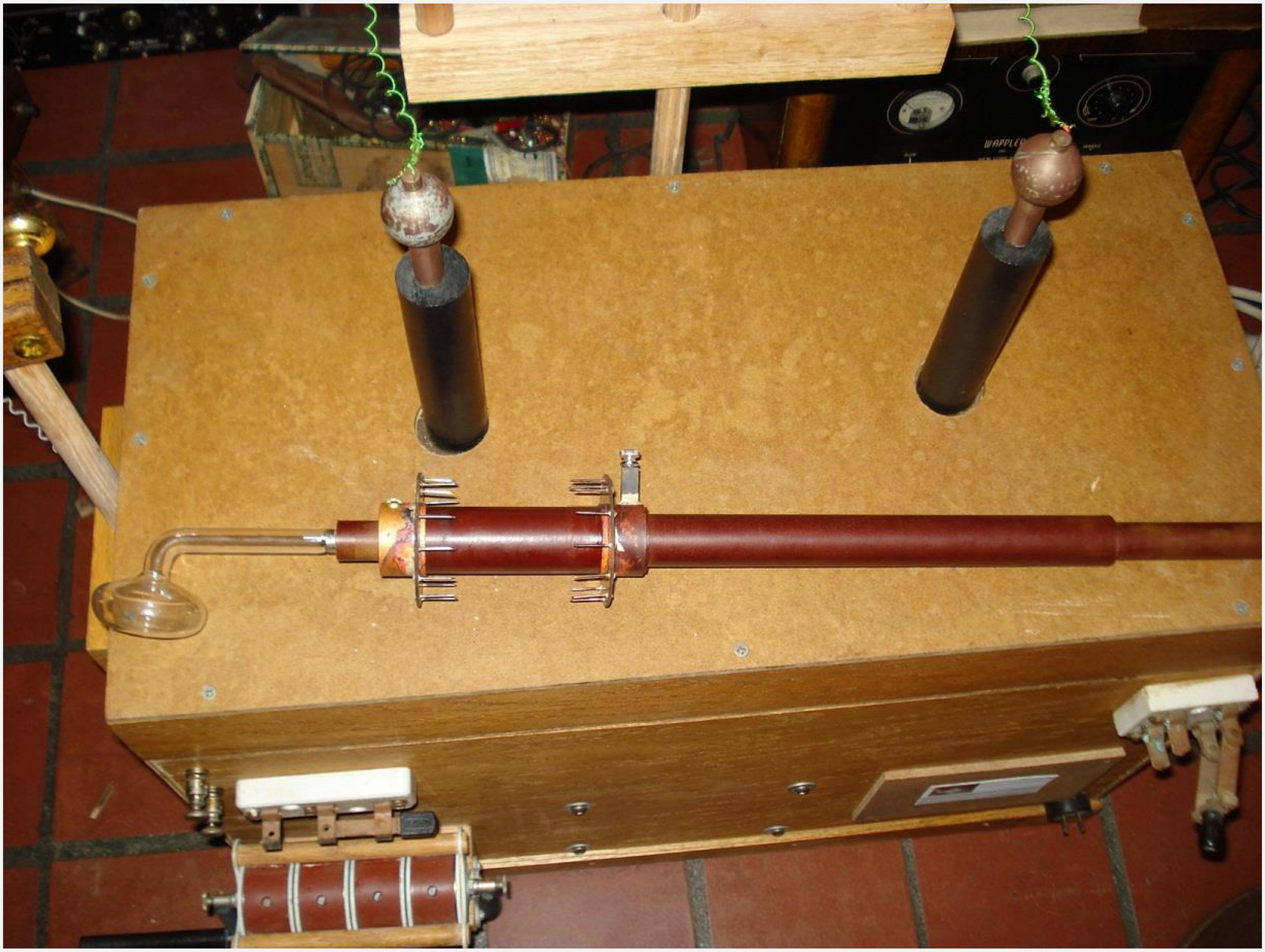

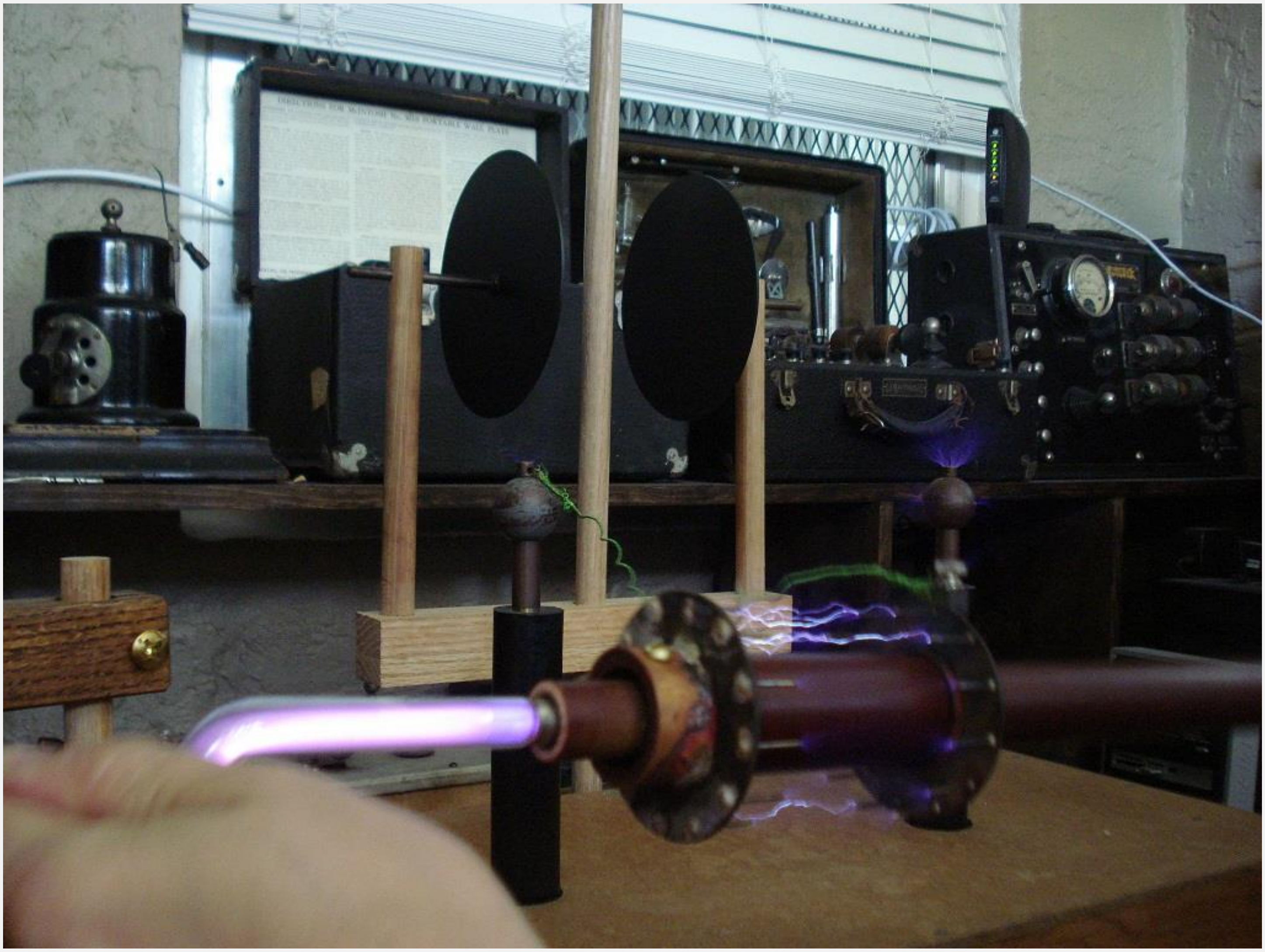

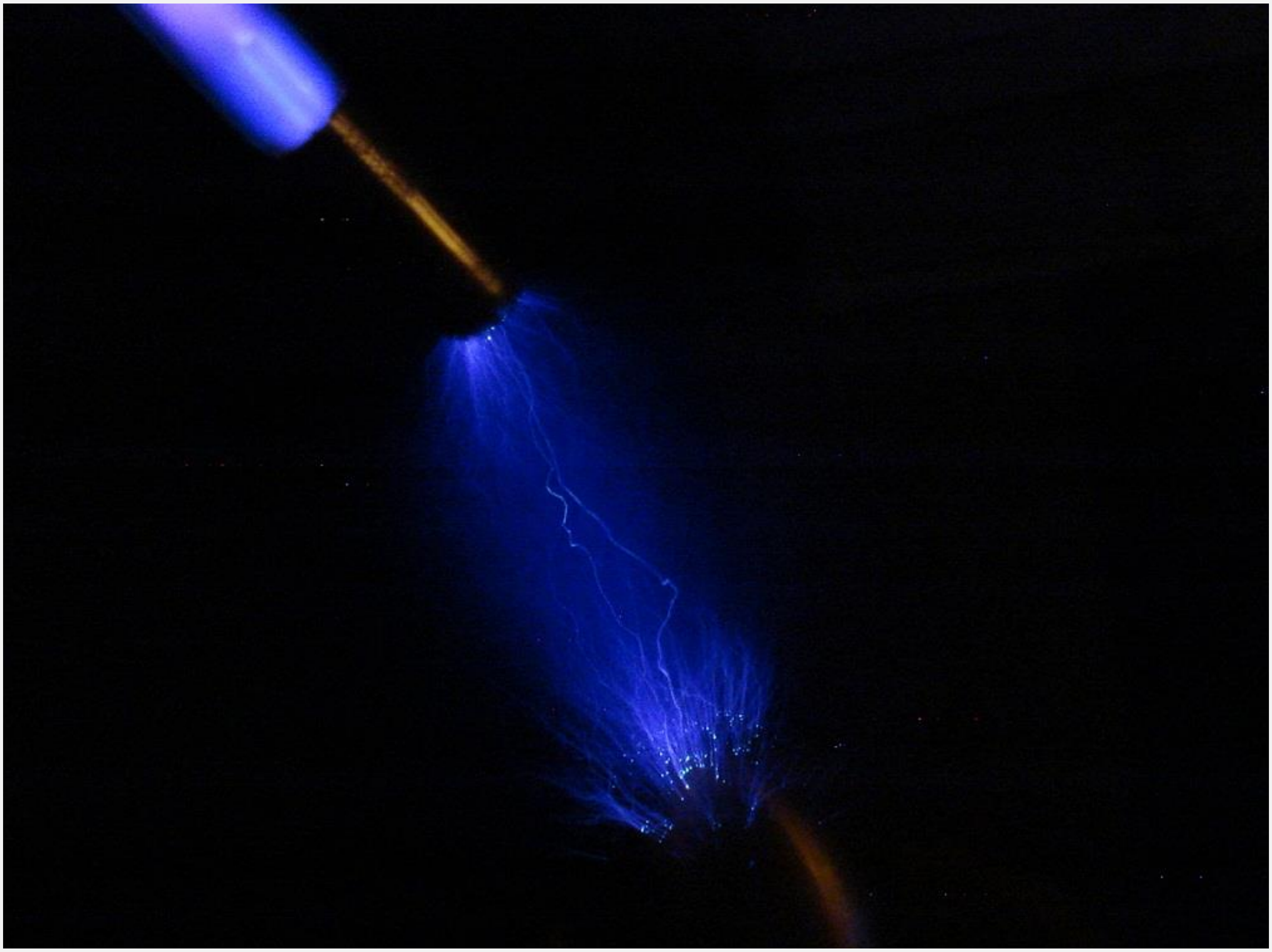

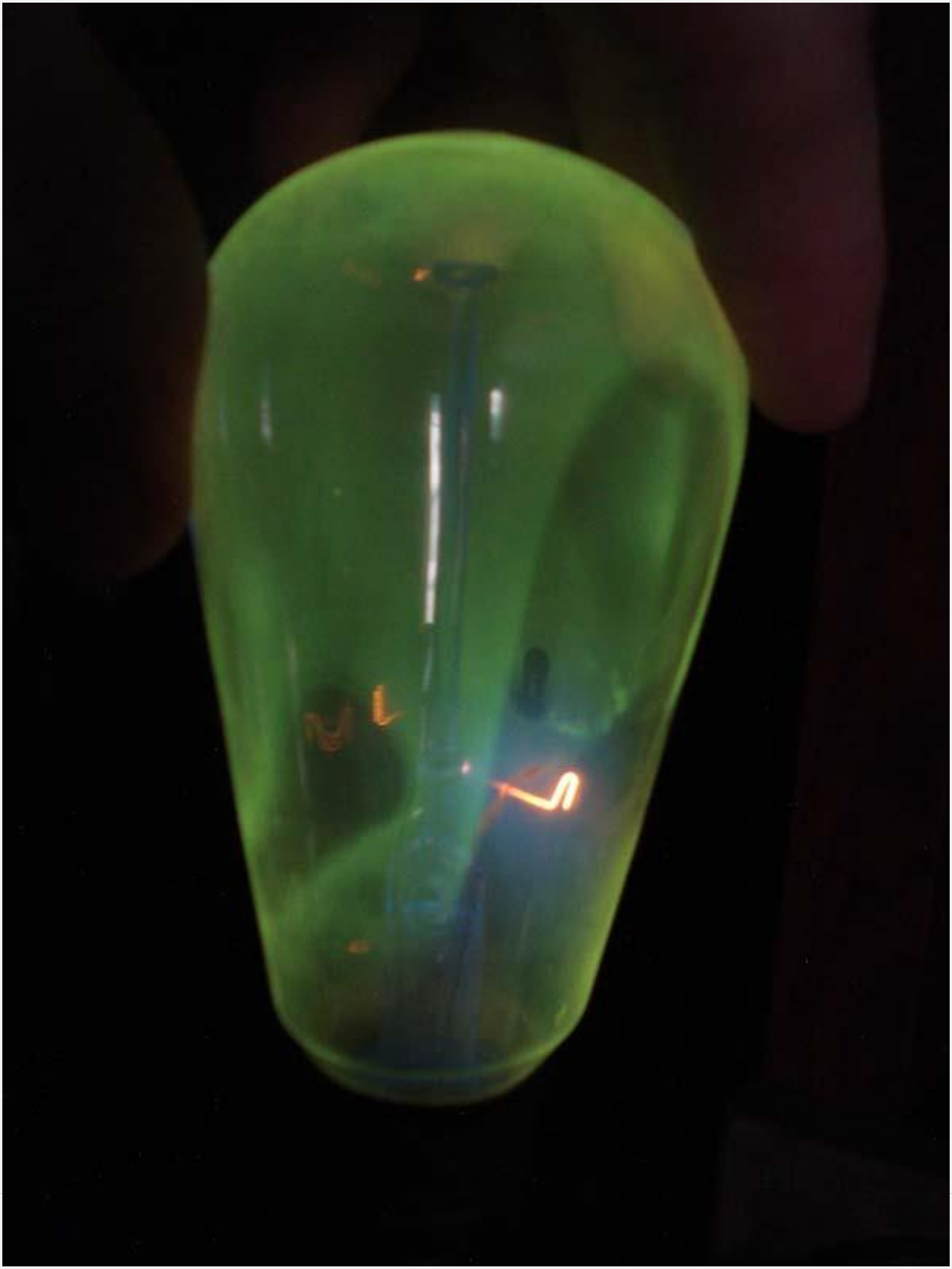

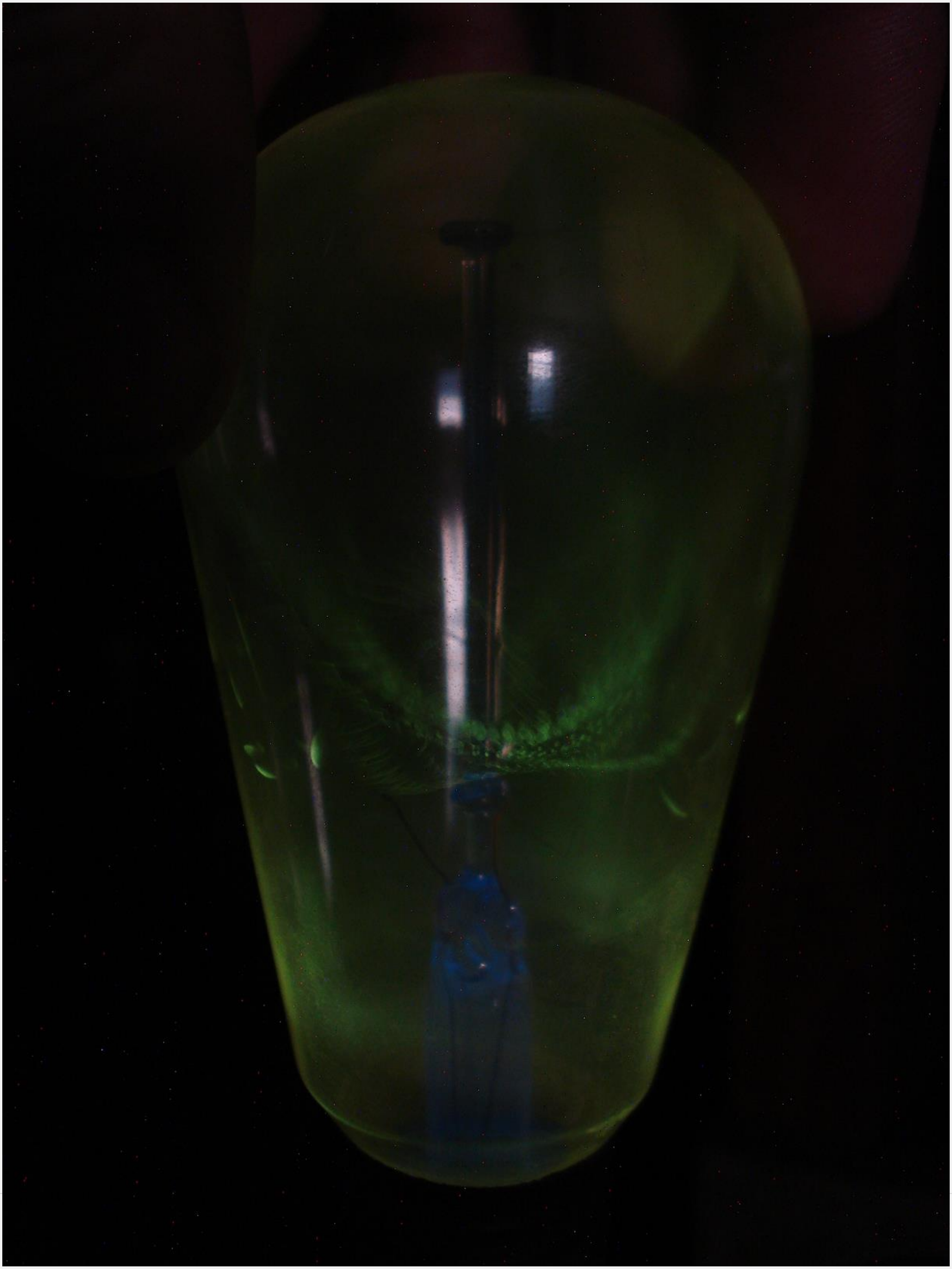

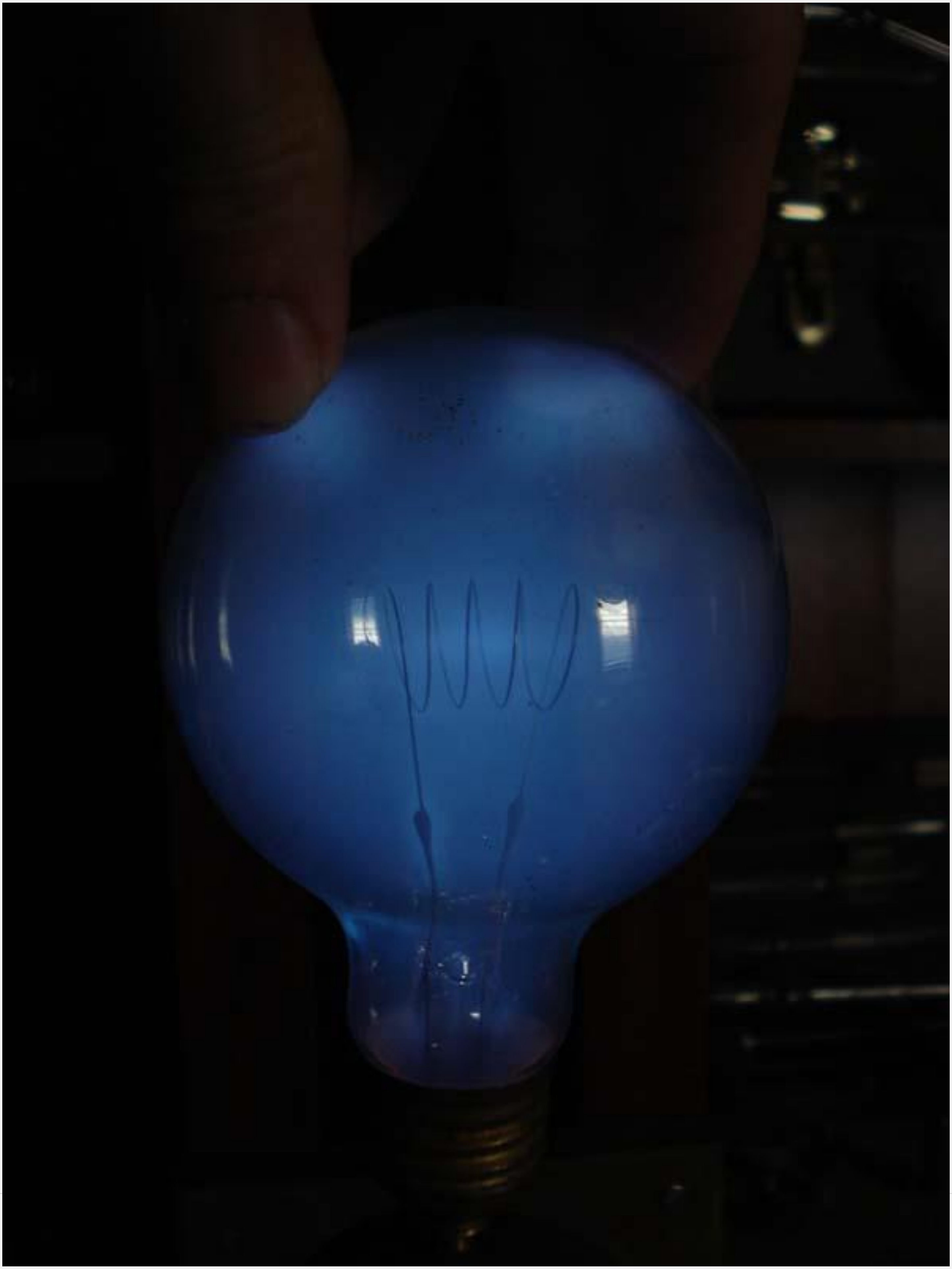

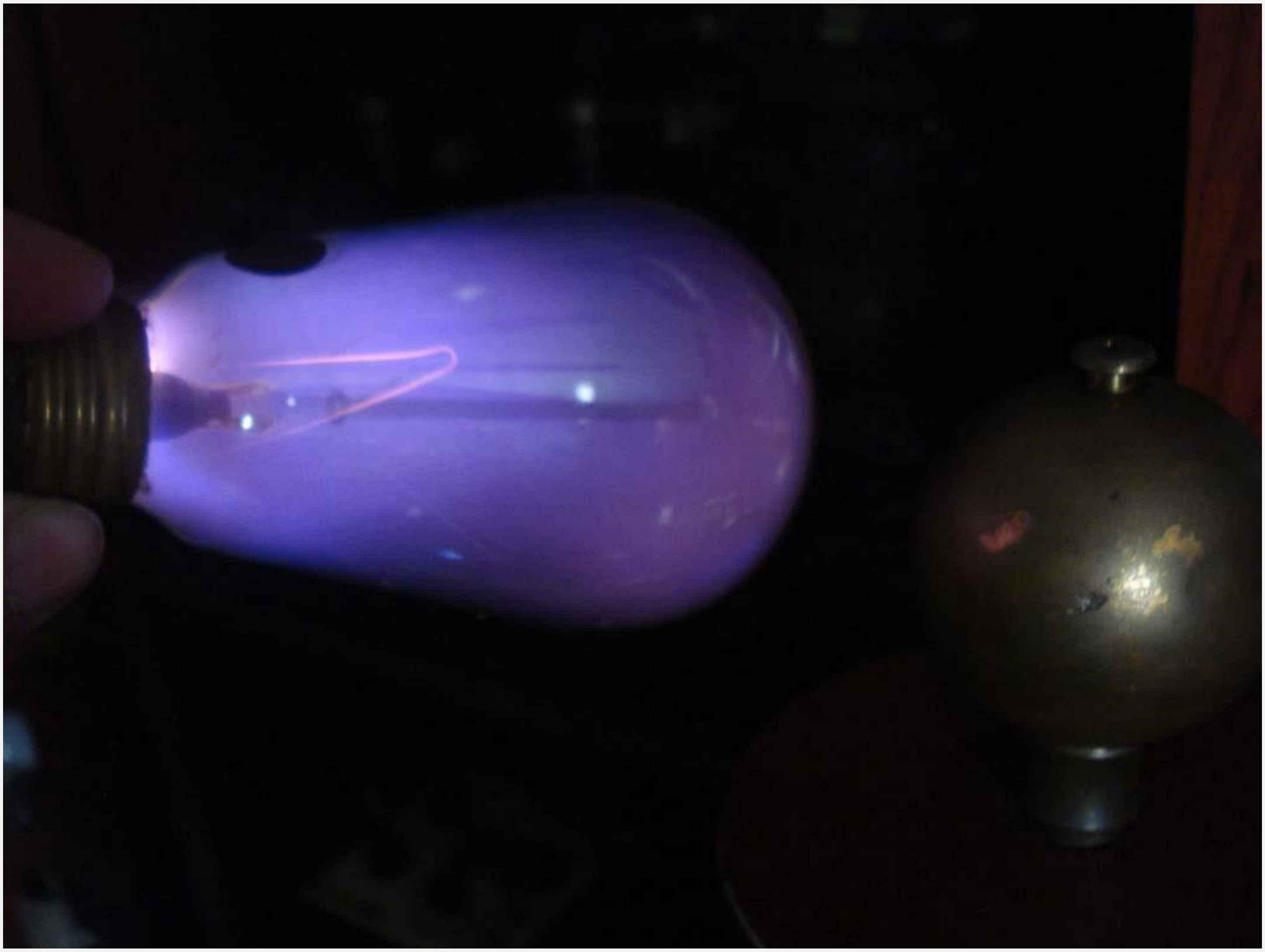

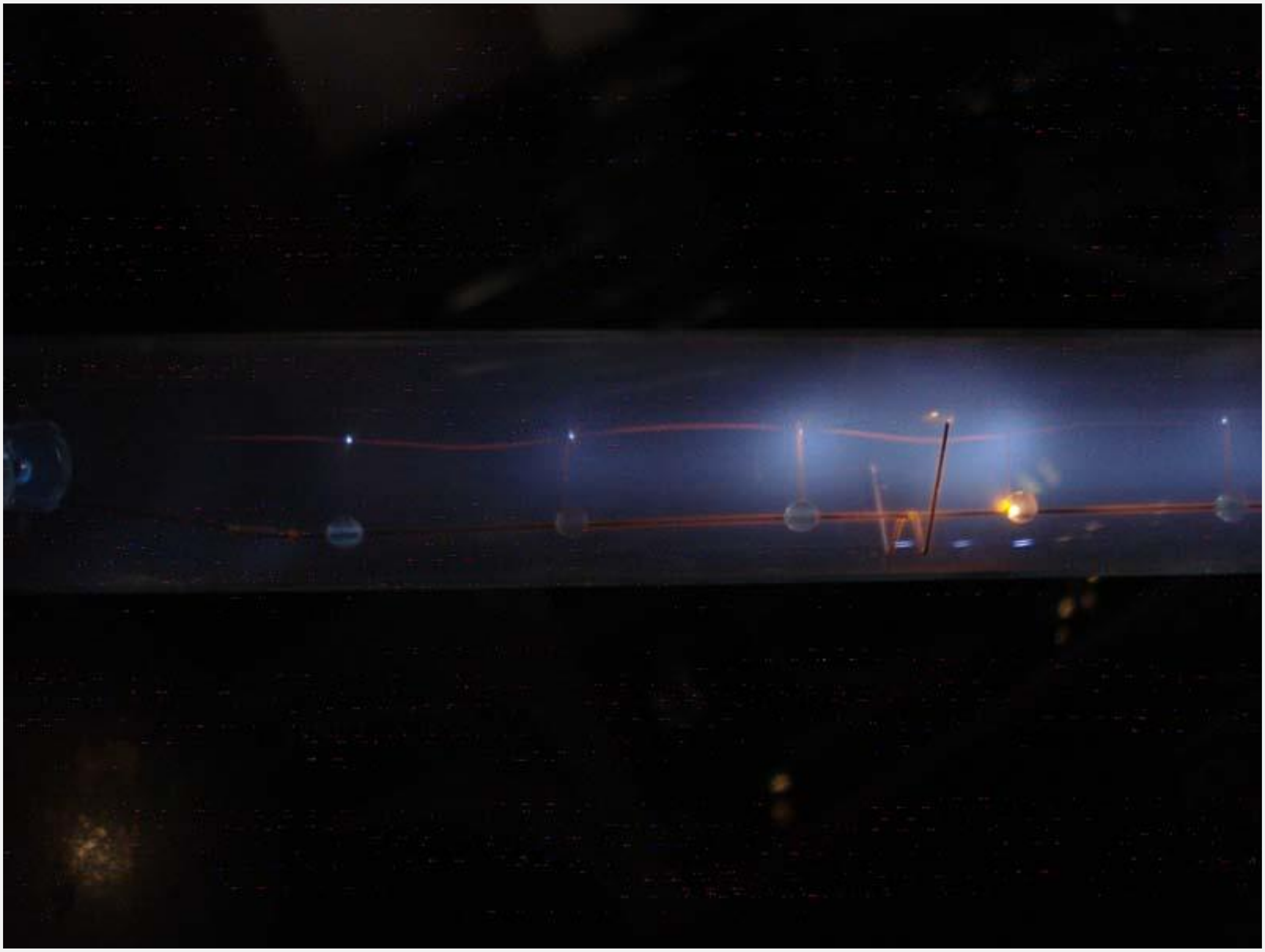

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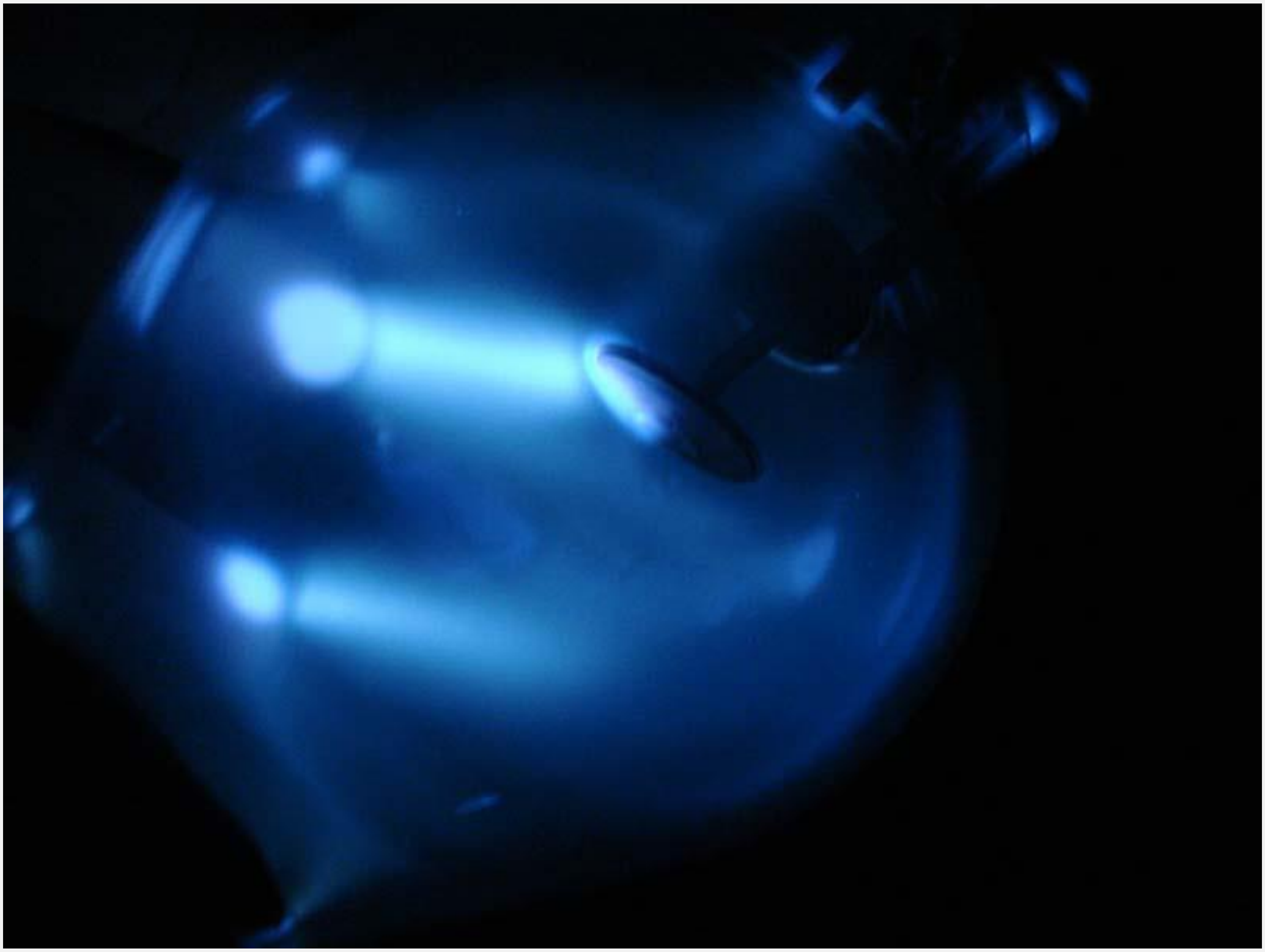
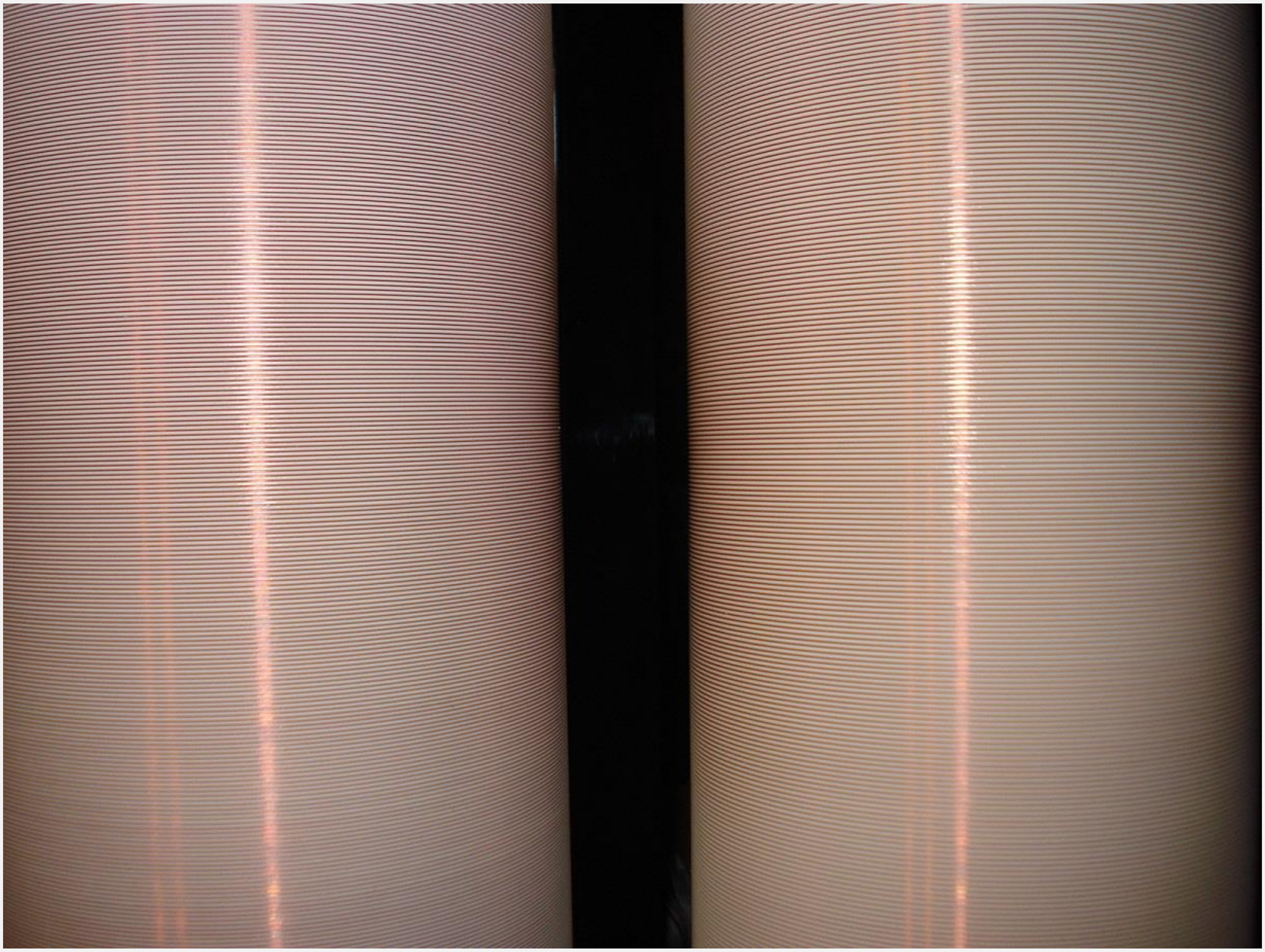
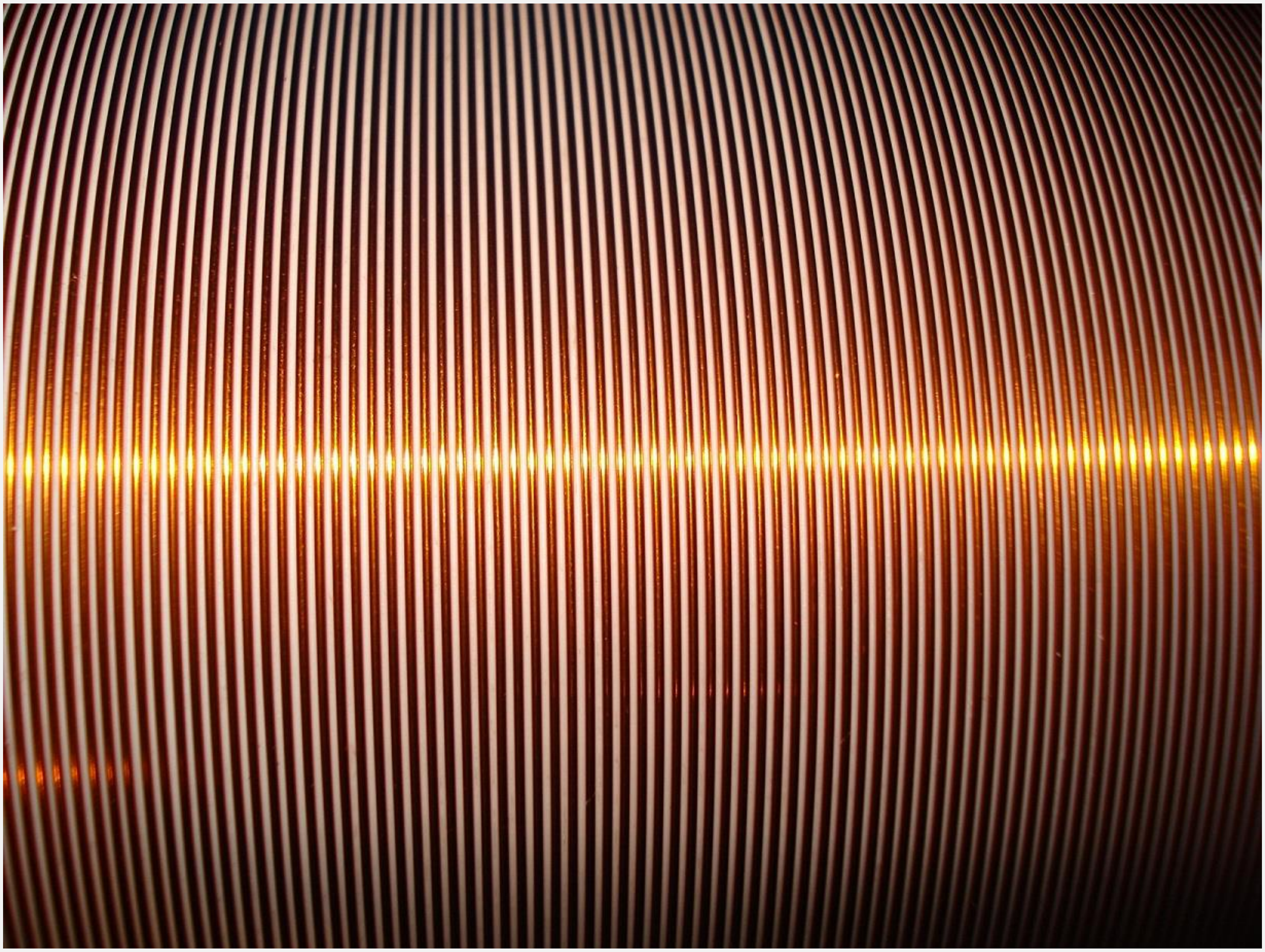
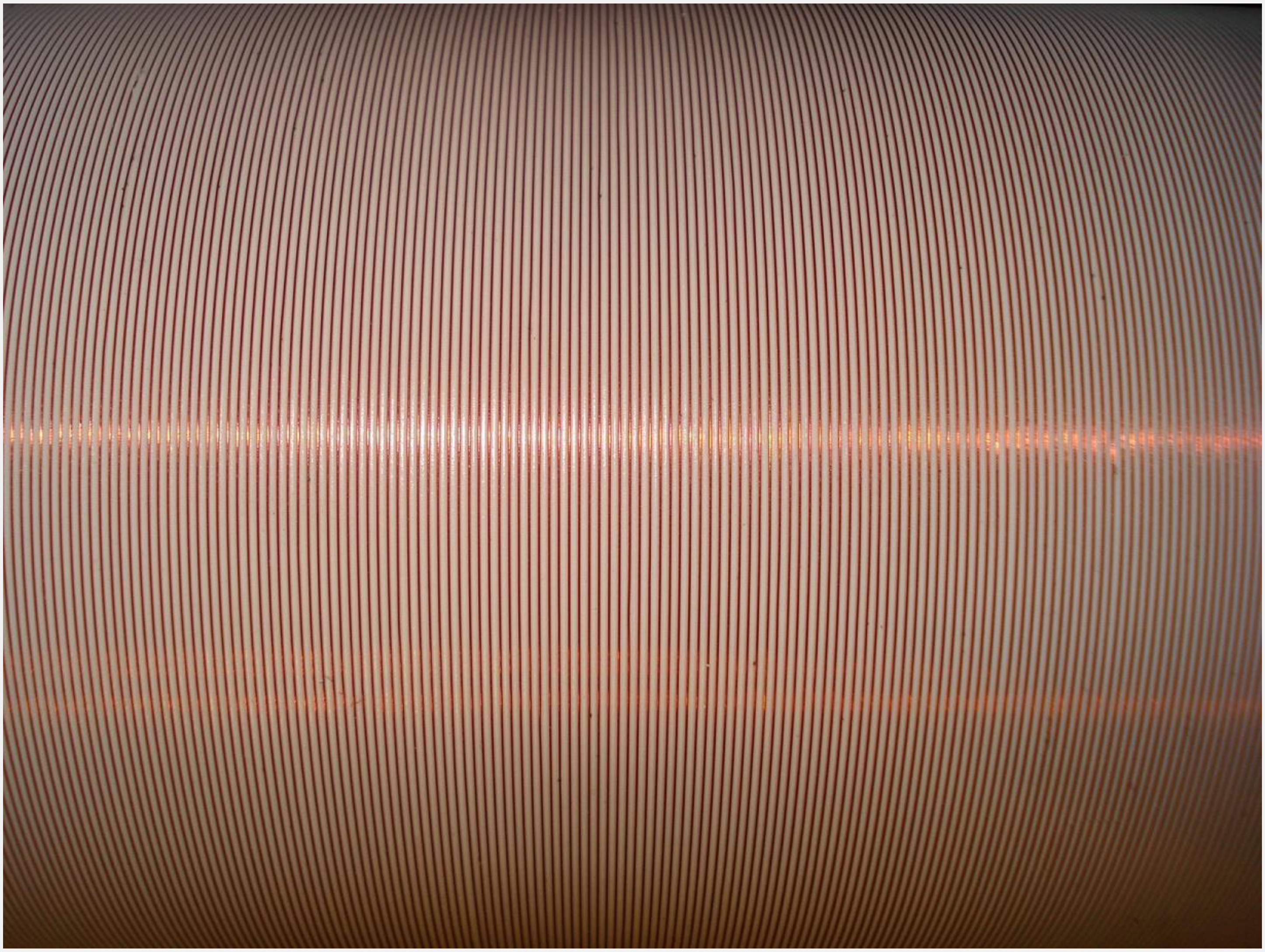


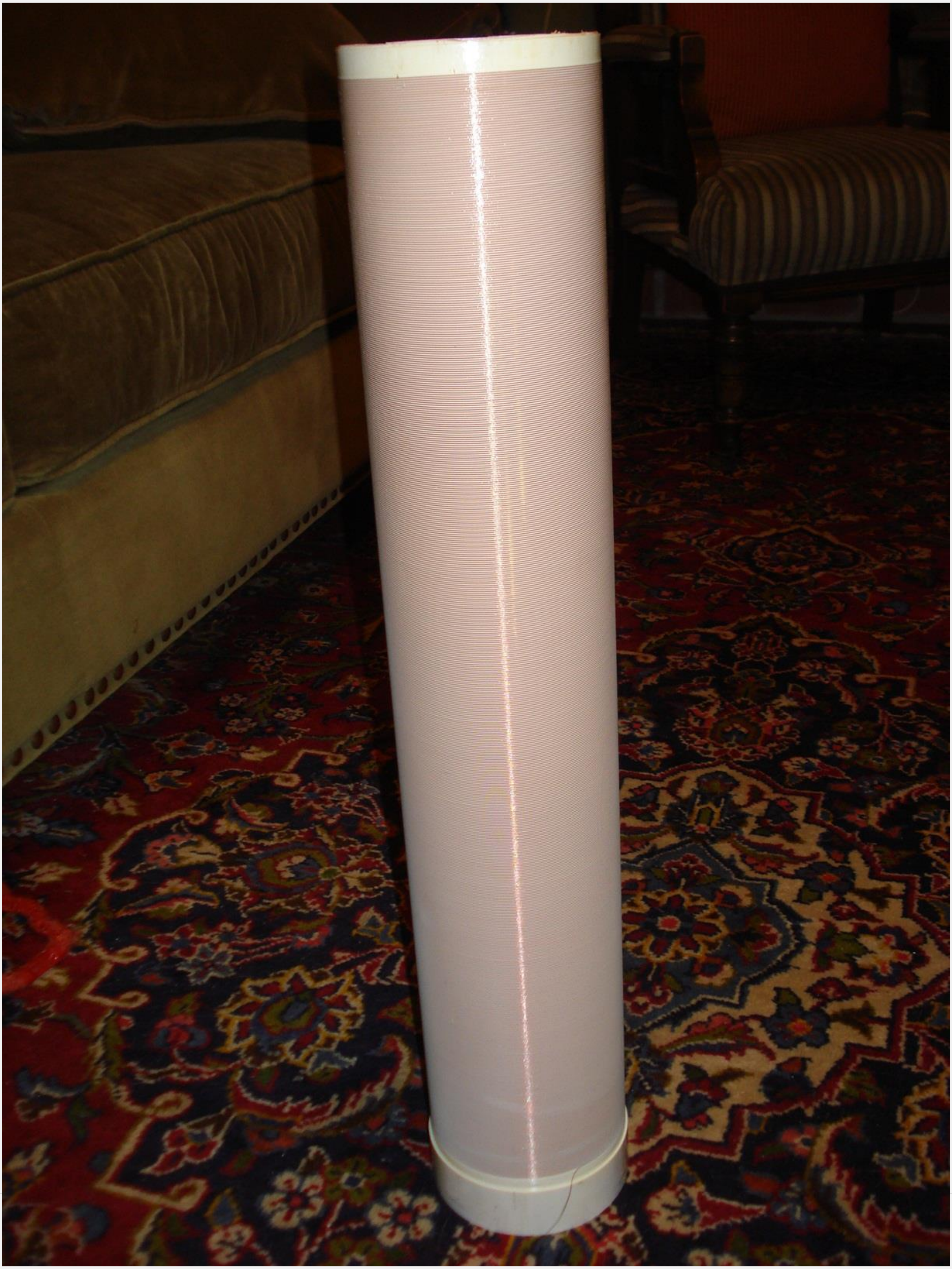


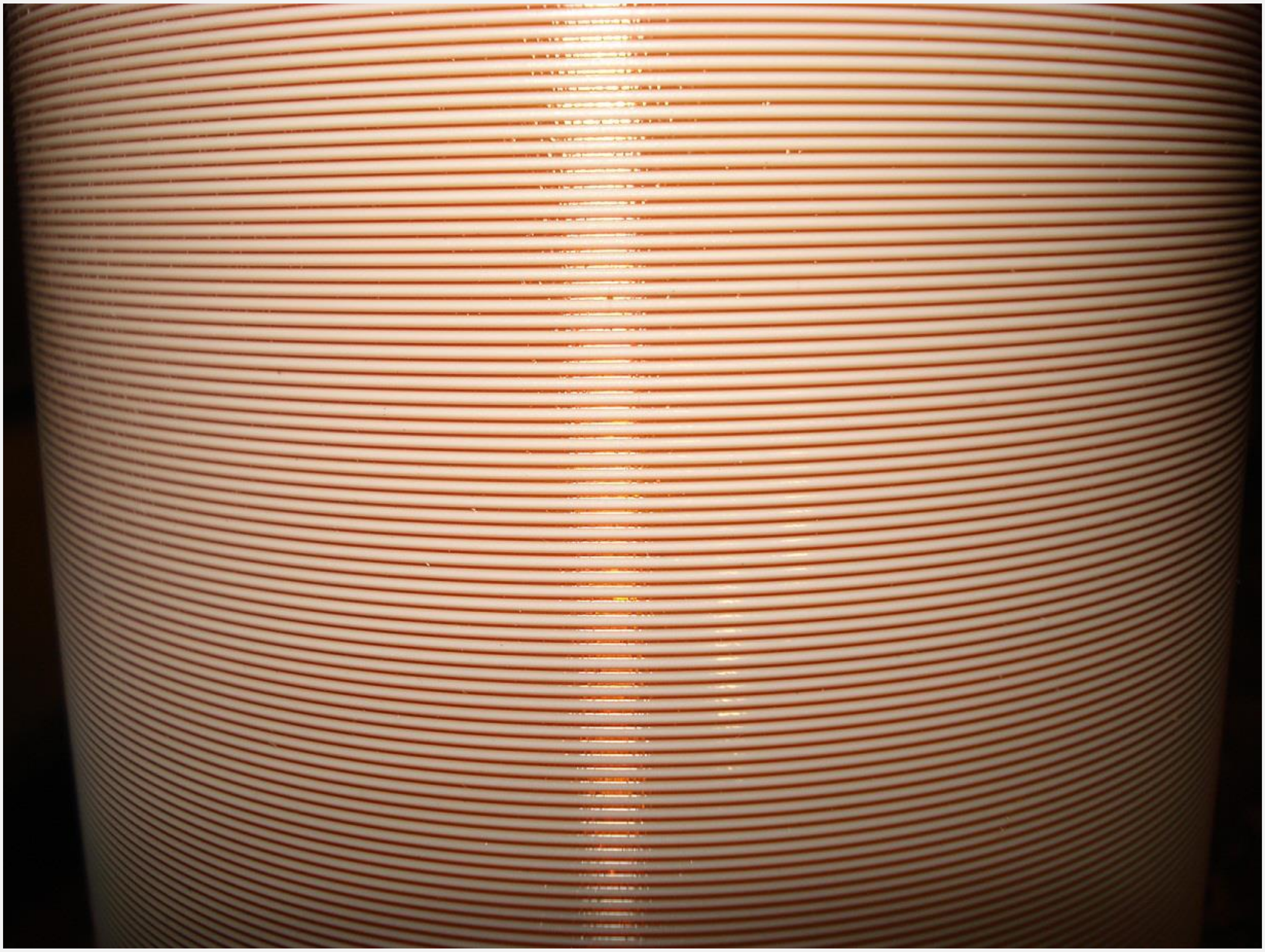


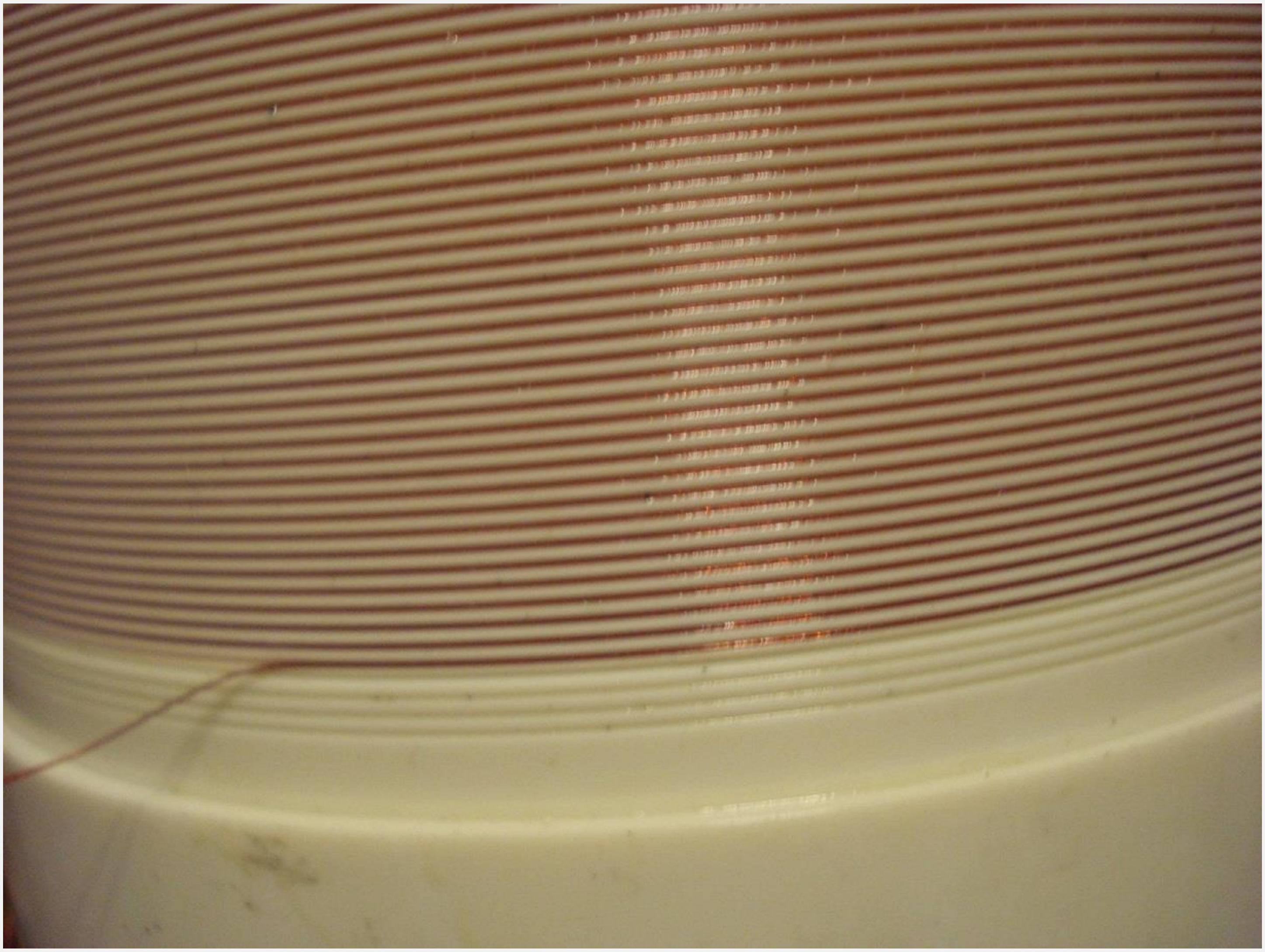


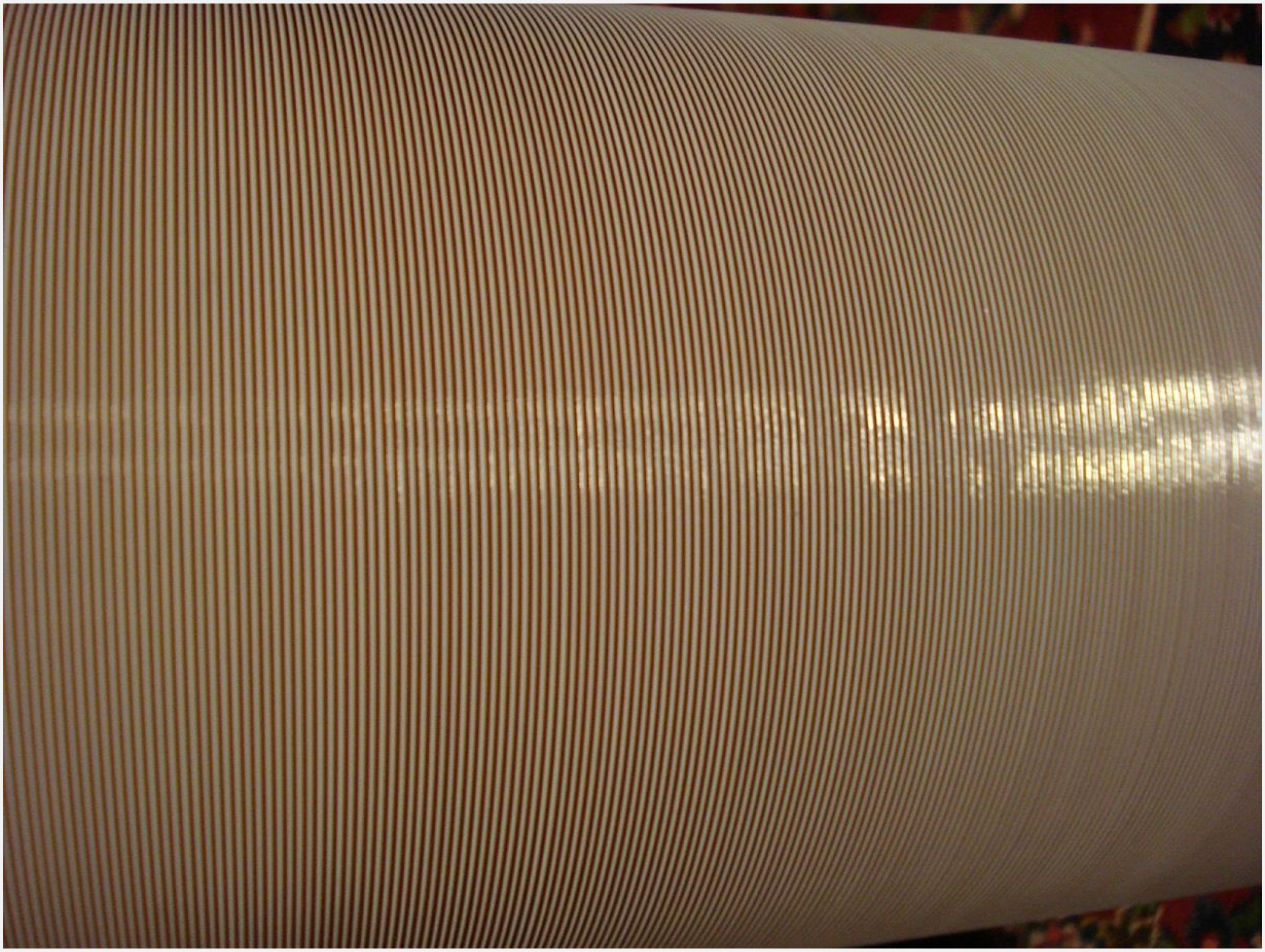
SEMI-AQUATIC EGG-LAYING MAMMAL OF ACTION
VIZIO

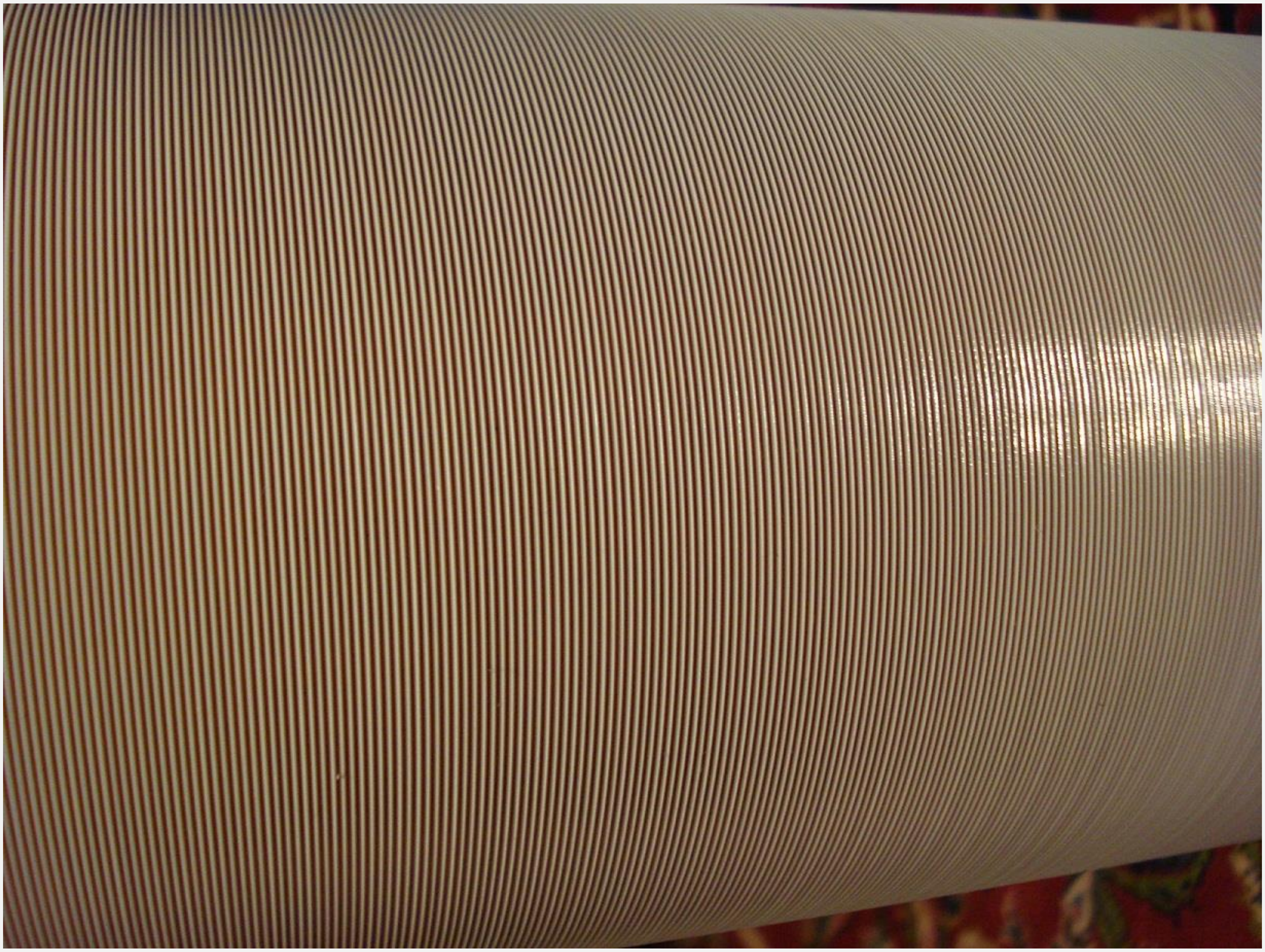
8½ x 11"
copy paper
STAPLES

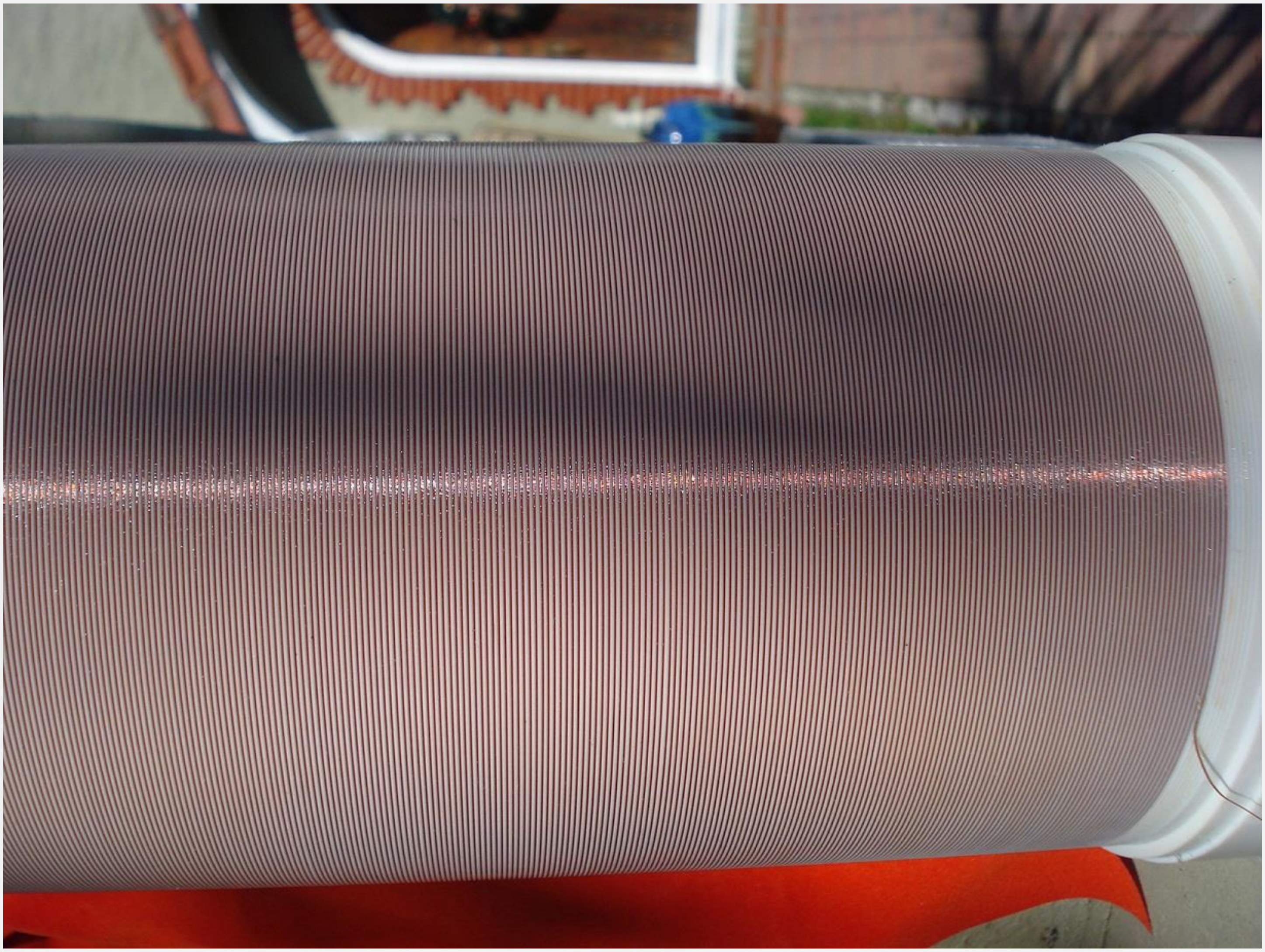


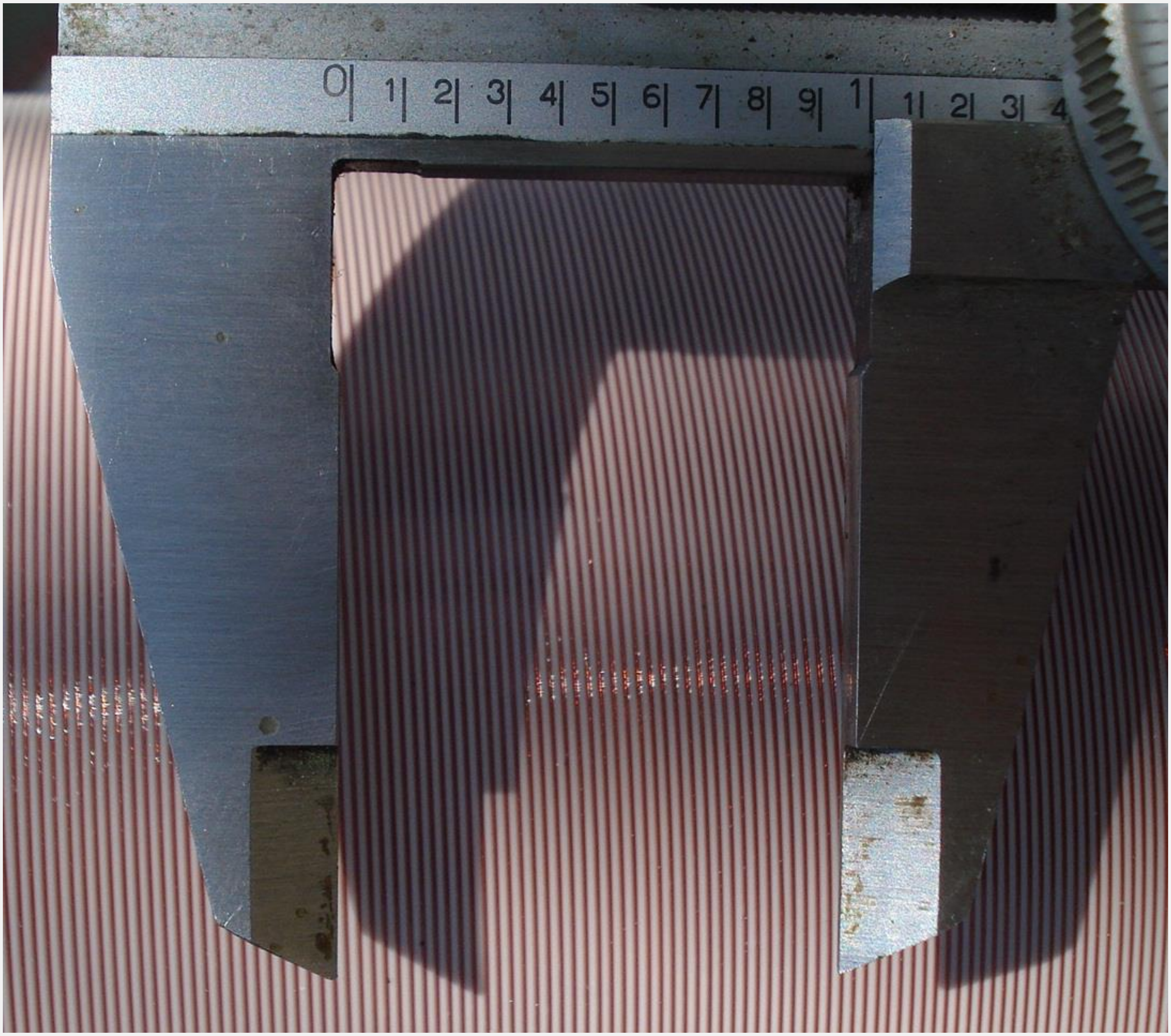








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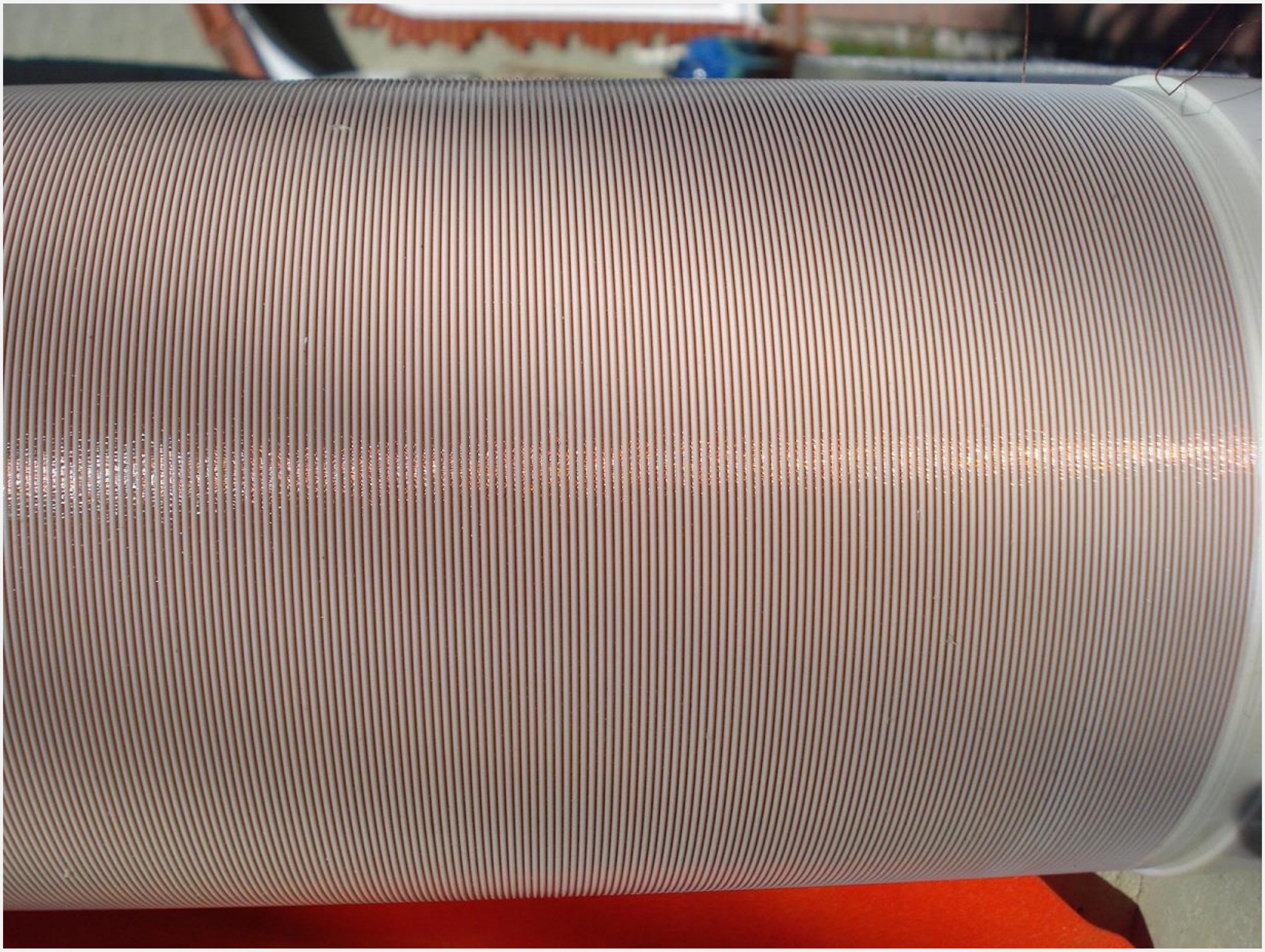

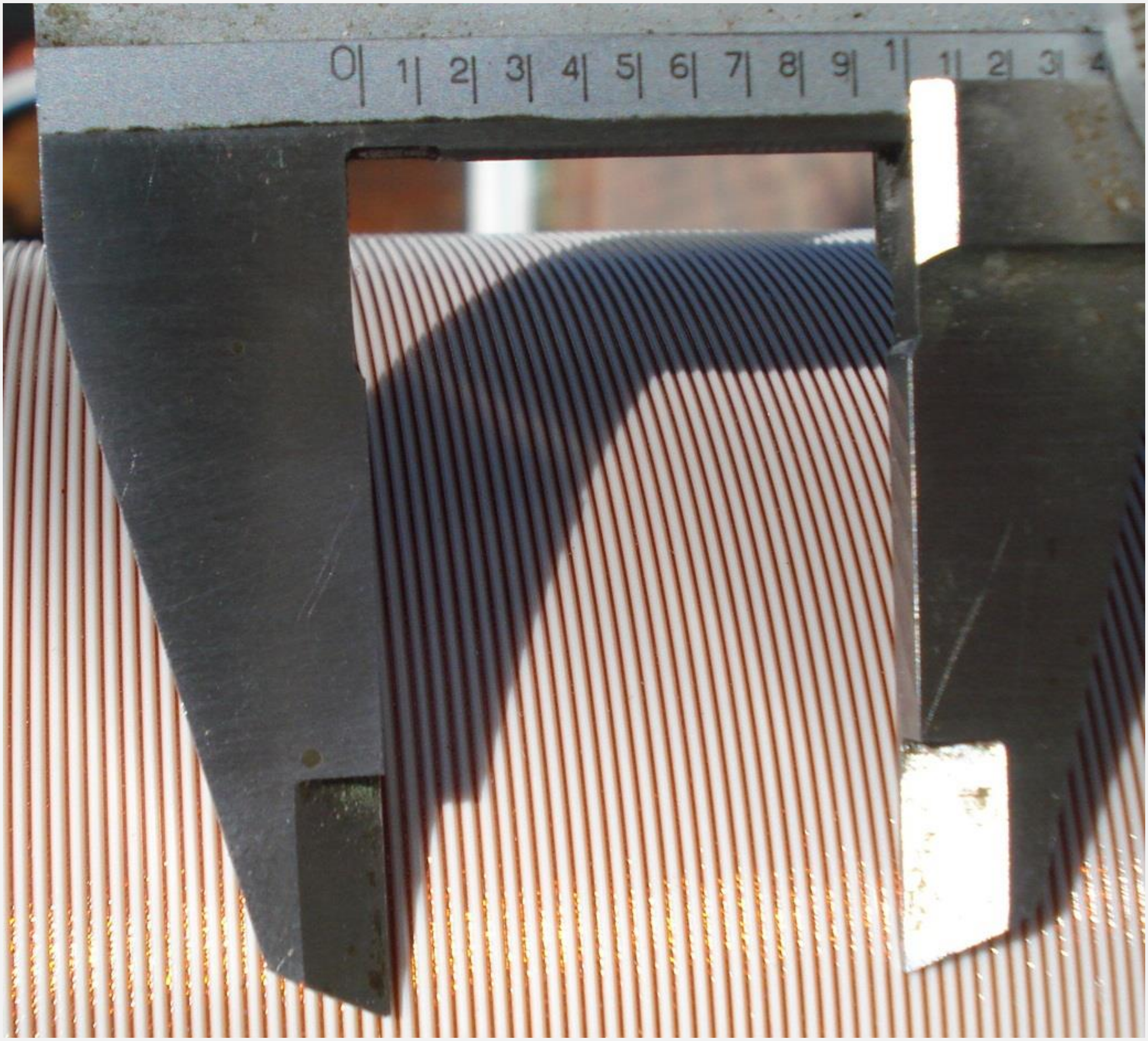
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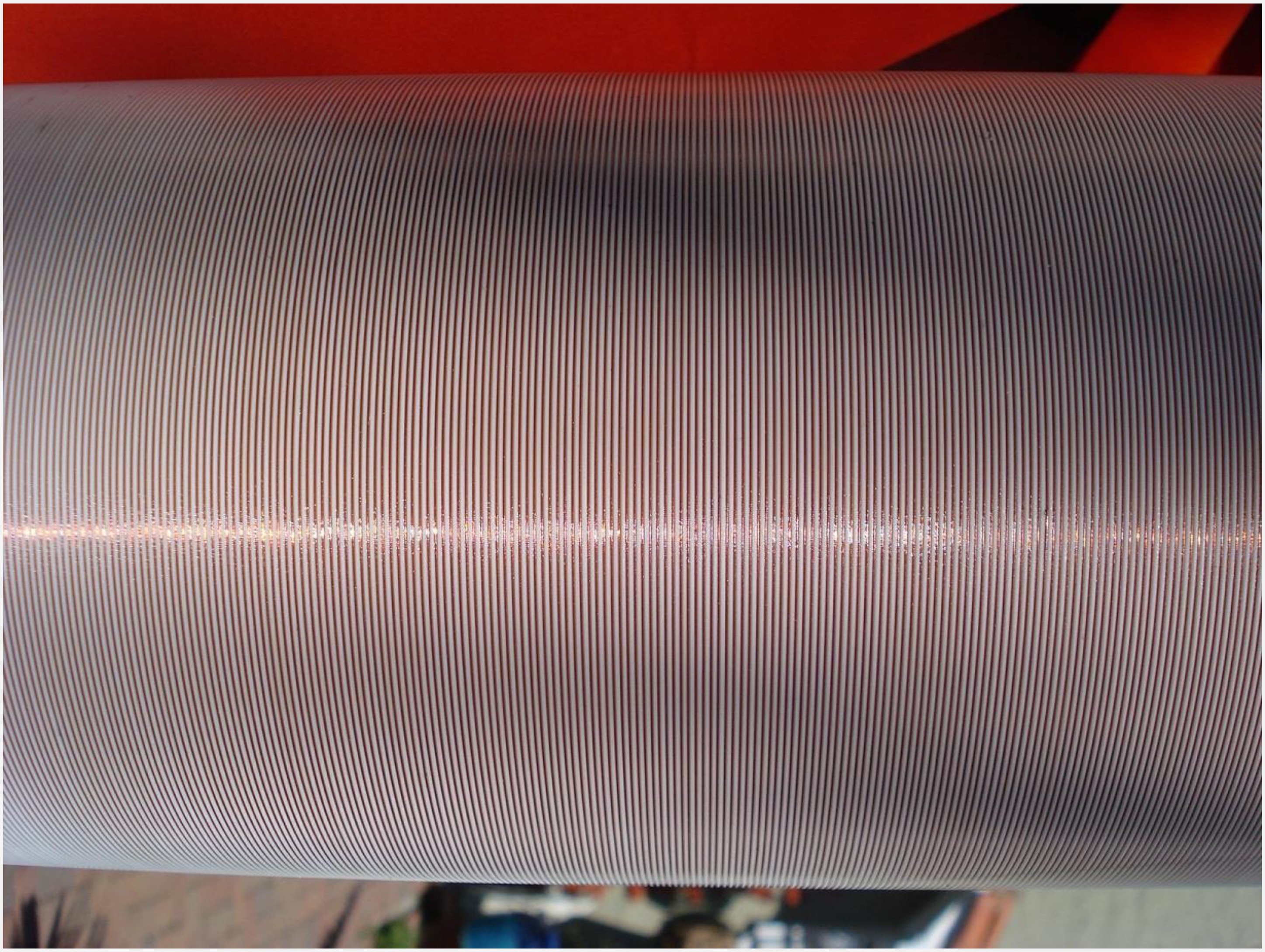

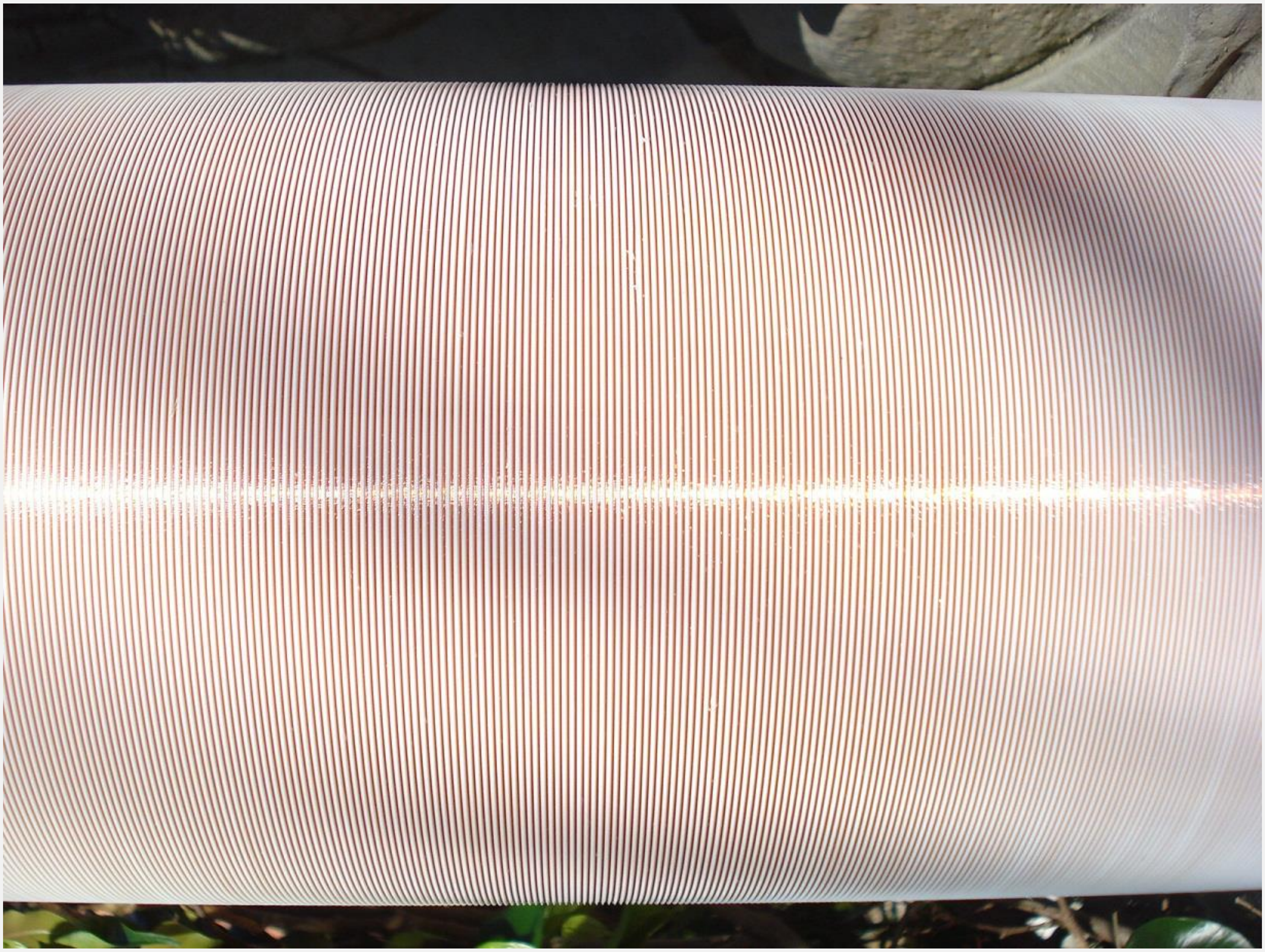

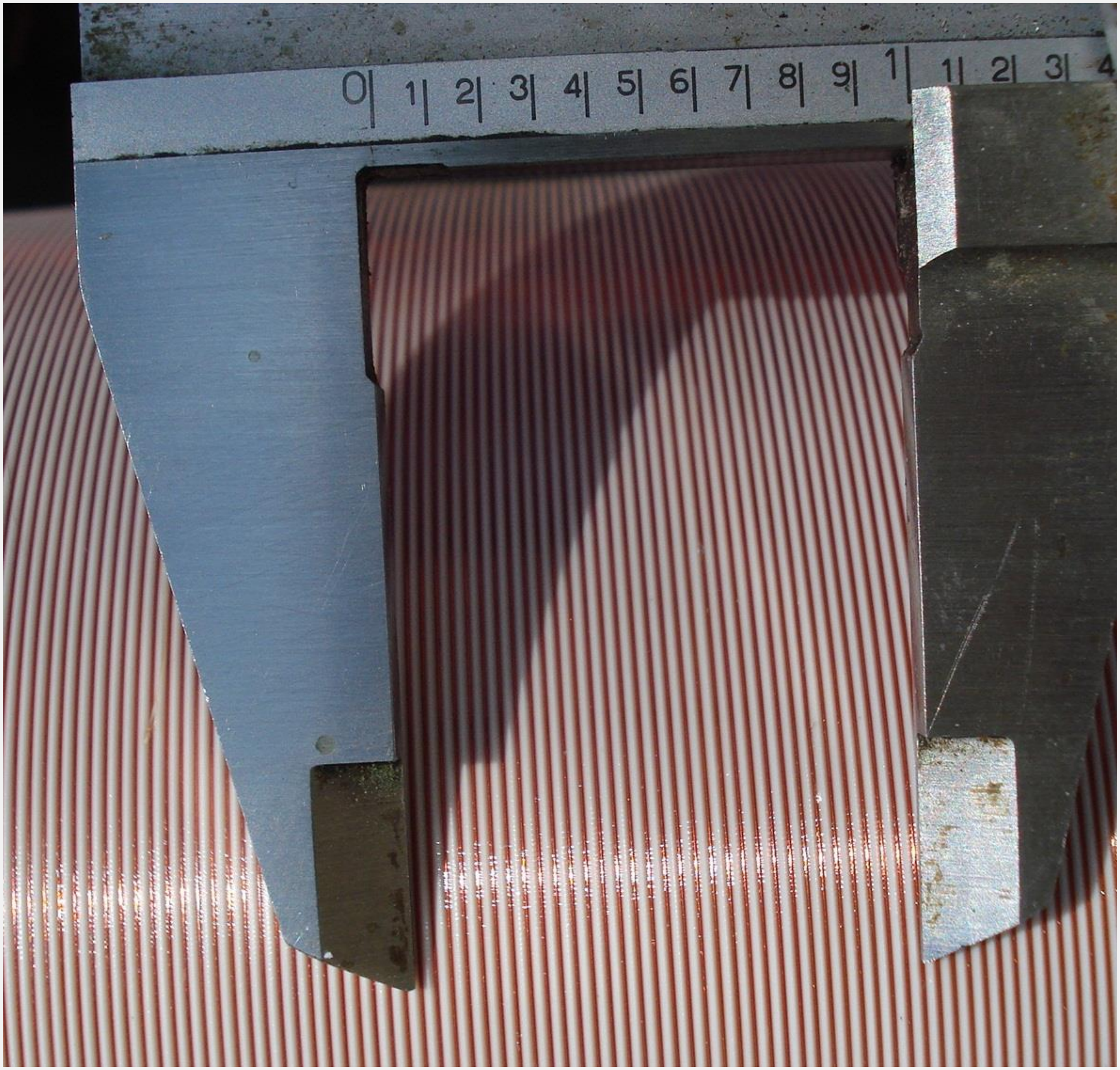
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